



Appendix F.

Phase I & Phase II ESAs



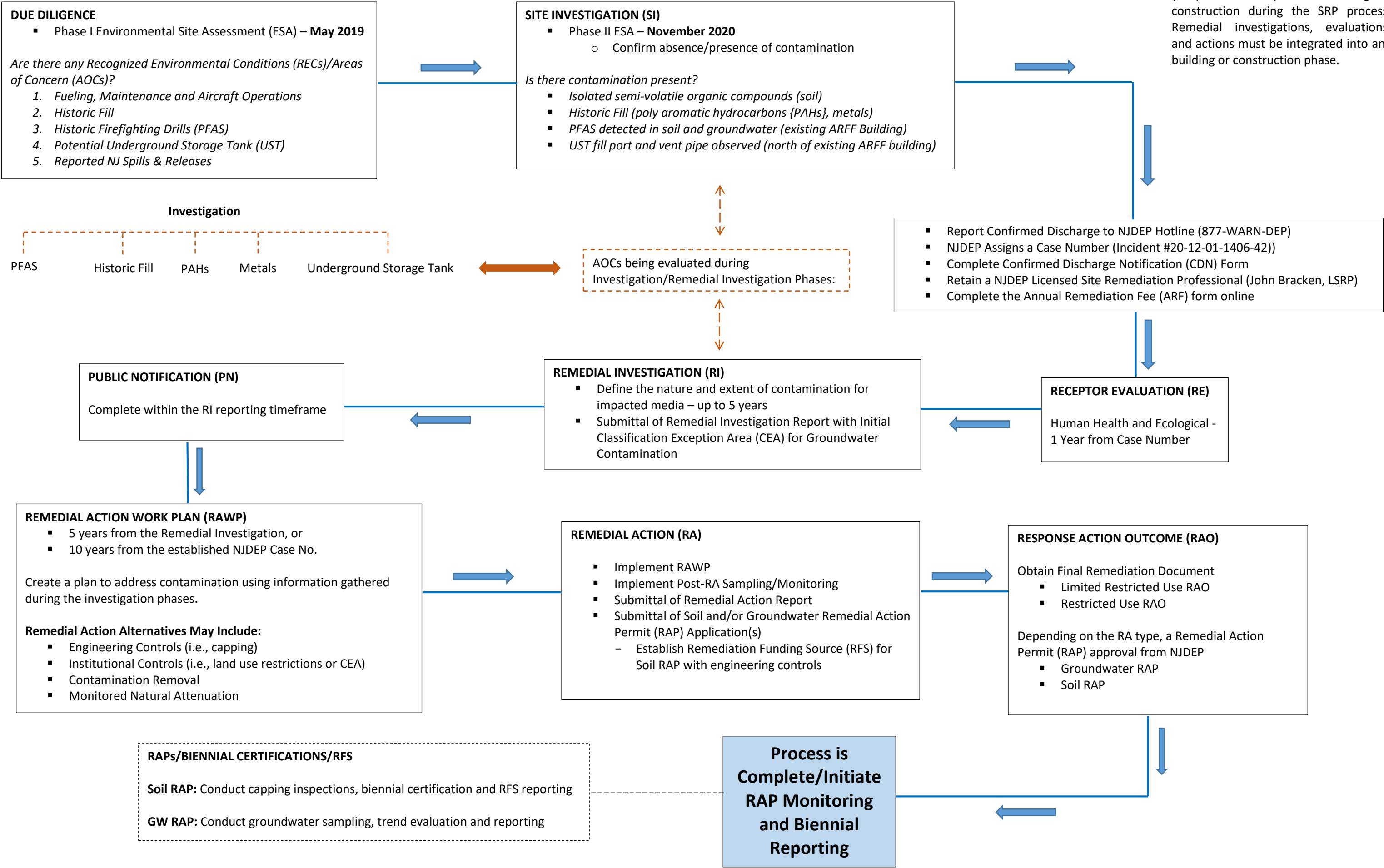
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NJDEP Site Remediation Program Process* at TTN

* The NJDEP Site Remediation Program (SRP) does not prohibit building or construction during the SRP process. Remedial investigations, evaluations, and actions must be integrated into any building or construction phase.



Trenton-Mercer Airport (TTN)
Trenton, NJ



**Phase I Environmental Site Assessment
Trenton-Mercer Airport
Existing & New Terminal & Aircraft Rescue
and Firefighting Buildings
Trenton, NJ**

May 2019



**Urban Engineers, Inc.
Philadelphia, PA**

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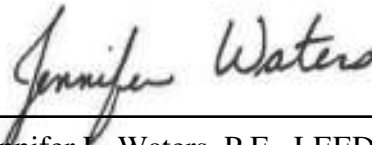
**Phase I Environmental Site Assessment
Trenton-Mercer Airport
Existing & New Terminal &
Aircraft Rescue and Firefighting (A.R.F.F.) Buildings
Trenton, New Jersey**

Prepared For:

Trenton-Mercer Airport

May 2019

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1.0 INTRODUCTION

1.1 PURPOSE

Urban Engineers, Inc. (Urban) conducted this Phase I Environmental Site Assessment (ESA) for Trenton-Mercer Airport (TTN) in accordance with American Society for Testing and Materials procedures (ASTM E 1527-13). This Phase I ESA was performed to identify potential environmental issues at the existing TTN terminal and aircraft rescue and firefighting (A.R.F.F.) buildings and in the area of the proposed terminal and A.R.F.F. buildings.

This Phase I ESA was completed utilizing the methodologies and resources described herein, in order to identify, to the extent feasible:

- ***Recognized environmental conditions (RECs):*** RECs are defined by ASTM as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.
- ***Historic recognized environmental conditions (HRECs):*** HRECs are past releases of hazardous or petroleum products that have occurred in connection with the property and have been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (i.e., institutional or engineering controls, activity and use limitations, property use restrictions). In other words, HRECs are resolved or closed-out RECs.
- ***Controlled recognized environmental conditions (CRECs):*** CRECs are RECs that have resulted from past releases of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., institutional or engineering controls, activity and use limitations, property use restrictions).

This Phase I ESA is a non-intrusive desktop study and field review of environmental records and previous and present land use. It includes a historical search, environmental agency contacts, interviews, and a site reconnaissance.

The Phase I ESA, as defined by ASTM, is not intended to include *de minimus* conditions that “generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

1.2 SCOPE OF SERVICES

The Phase I ESA was based upon ASTM E 1527-13 and consisted of the following:

- *Records Review:* A review of reasonably ascertainable standard record sources was conducted in order to identify RECs, HRECs, and CRECs in connection with the property. The records review included both current and historic Federal, state and local files/documents.
- *Site Reconnaissance:* The site and surrounding areas were checked in order to assess surface conditions for evidence of environmental concerns resulting from generation, transportation, usage, storage, and/or disposal of hazardous materials.
- *Interviews:* These were conducted with persons knowledgeable with current and/or former uses of the property, including local/state government personnel.
- *Report:* An ESA report documenting the findings of the assessment was prepared.

No significant deviations from the ASTM E 1527-13 Standard occurred in this Phase I ESA.

1.3 GENERAL LIMITATIONS

This Phase I ESA has been conducted by Urban in accordance with practices and procedures generally accepted in the consulting engineering field. The Phase I ESA portion of the report is based on the ASTM E1527-13 standard practice for Phase I ESAs. This report presents our knowledge of the site conditions at the time the report was prepared and is based upon information from available historical documents and records, an agency file review, on-site activities, and a visual inspection on the dates referenced. The recommendations stated in this report reflect information available and specific locations reviewed at the time of this report. Information pertaining to current site conditions is based on the conditions of the site and its surroundings at the time of the on-site reconnaissance.

This report presents information on the potential for contamination on the property, but does not confirm it. This report is for information only and should not be used to characterize contaminants or delineate areas of concern. A more extensive assessment that includes a subsurface investigation of soil and/or groundwater would provide for more definitive information on the nature and the extent of contamination.

This site evaluation is based on the conditions existing on the date of Urban's inspection. Past conditions were considered on the basis of readily available records, interviews, and recollections. Even when sampling is performed, it is possible that past contamination remains undiscovered.

The conclusions presented herein are based on information provided to Urban, or reasonably available to Urban. Urban does not warrant or guarantee the correctness, completeness, and/or currentness of the information contained in the environmental record sources used for this assessment. Such information is the product of independent investigation by parties other than Urban and/or information maintained by government agencies.

Urban cannot warrant or guarantee the property suitable for any particular purpose, or certify the property as "clean."

Future regulatory modifications, agency interpretations, and/or policy changes may affect the compliance status of this site. Detailed indoor air quality, occupational health and safety, and

wetland surveys, which require specialized expertise, were not requested nor included as part of this project.

Urban has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of the required scope of work.

The report's information is further qualified as follows:

- Information, estimates, and opinions furnished to Urban were obtained from sources considered reliable and believed to be true and correct. However, Urban has made no independent investigation as to such matters and undertakes no responsibility for their accuracy.
- Urban used its professional skill in determining possible environmental concerns but cannot provide a guarantee regarding the findings of hazardous materials at the site.
- Urban assumes no responsibility for matters of a legal nature affecting the property or the title thereto.
- Urban made no land, topographic, or dimensional survey of the property. Any sketches, dimensions, capacities, quantities, or distances are approximate.
- Please understand that the services provided for this project were limited to the specific requirements of our client; the limited scope of service allows our firm to form no more than an opinion of the actual conditions of the site.
- Urban applied professional judgment in determining the compliance with any given standard identified in this report or any other instrument of Urban's professional service. Unless otherwise indicated, such compliance, referred to as "general compliance," specifically excludes consideration of any standard listed as a reference in the text of those standards Urban has cited.
- Urban's observations made during the site reconnaissance are limited to readily visible areas. Urban assumes no responsibility for detecting materials concealed (e.g., covered by dumpsters, boxes, debris, etc.) during the site walk.

1.4 RELIANCE

This report has been prepared exclusively for the client designated on the first page of the ESA. It is confidential and proprietary. It may not be copied, disseminated, distributed, or disclosed to any other parties without the expressed written permission of Urban. No third party may rely on the information contained herein without Urban's written permission.

2.0 SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The subject area includes the existing terminal building and A.R.F.F. building as well as the locations of the proposed terminal and ARFF buildings, located within the TTN property, in Trenton, New Jersey. TTN is shown on the Pennington, NJ USGS 7.5-minute Quadrangle Map (see Figure 1) at approximately 40° 16 ' 36.84" north latitude and 74° 49 ' 04.42" west longitude¹.

The subject project includes of the following two study areas at TTN:

1. TTN Terminal and Existing A.R.F.F. Area (West Area)
2. New Jersey Army National Guard Area (East Area)

Figure 2, TTN Airport Map, depicts these Phase I ESA study areas and well as areas of potential environmental concerns.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The TTN Terminal and Existing A.R.F.F. Area (West Area) is located on the western side of TTN in the vicinity of the existing terminal building between Runway end 6 and Runway end 16. This area consists of the existing terminal building, the existing A.R.F.F. building, structures north of the existing terminal building (i.e., baggage claim modular, storage structures), parking lots located west of the existing terminal, and a vegetated area south of the terminal building.

The New Jersey Army National Guard Area (East Area) is located adjacent to the New Jersey National Guard building, in the quadrant between Runway ends 34 and 24. This area consists of the parking and paved areas located south and east northeast of the National Guard building, as well as the eastern-most heli-pad. It also includes the vegetated area east of the pavement and heli-pad.

2.3 CURRENT USE OF THE PROPERTY AND ADJOINING PROPERTIES

The current uses of the TTN Terminal and Existing A.R.F.F. Area primarily include an active airport terminal, active A.R.F.F. facility, parking lot, and baggage transport. The New Jersey National Guard currently uses the East Area.

The adjoining properties consist of other airport uses, railroad, and commercial facilities. The closest adjoining property (immediately to the south) to the New Jersey National Guard Area (East Area) is Silva Guard, a landscaping services company. The Silva Guard site consist of landscaping equipment (e.g., wood chippers, lawnmowers, mechanical rakes), fertilization and insect control chemicals, and tree cuttings.

The closest commercial property (approximately 800 feet west) to the TTN Terminal and Existing A.R.F.F. Area is Airtex Products, Inc., an aircraft supply company. Residential properties were previously temporarily located directly west of the TTN Terminal and Existing A.R.F.F. area; these residences are no longer present.

¹ Physical coordinates provided by Environmental Data Resources, Inc. (EDR).

2.4 PREVIOUS USES OF THE PROPERTY AND ADJOINING PROPERTIES

TTN, formerly known as Mercer County Airport and Skillman Airport, has been used as a public airport since 1929. The airport was named TTN in 1995. The existing terminal building was constructed in the 1970s, the existing ARFF building was constructed in 1983 and the baggage claim modular was constructed in 2013.

2.5 PROPOSED USES OF THE PROPERTY

The existing terminal building and A.R.F.F are proposed to be demolished and a new terminal building is proposed in the Terminal Building and A.R.F.F. Area. A new A.R.F.F. facility is proposed in the New Jersey Army National Guard Area.

2.6 REASON FOR PERFORMING PHASE I ESA

This Phase I ESA is to conduct due diligence prior to the demolition of existing buildings and construction of new airport facilities as well as to satisfy funding requirements.

3.0 RECORDS REVIEW

Urban contacted federal (Environmental Protection Agency) and state (New Jersey Department of Environmental Protection) regulatory agencies to obtain information regarding potential environmental risks associated with the subject area and surrounding land. Urban also utilized the services of Environmental Data Resources Inc., (EDR) to investigate potential recognized environmental conditions and other environmental concerns. Historic aerial photographs were also reviewed to document the historic uses of the project areas and surrounding properties.

3.1 AERIAL PHOTOGRAPHS

Urban reviewed aerial photographs of the subject areas from 1931 to 2015 from historicaerials.com. The aerial photograph descriptions identify changes to the site and the surrounding lands as compared to the same photograph from the previous available year.

1931 Photograph

No runways or buildings are present in the subject areas.

1947 and 1953 Photographs

Runways and associated taxiways are present in 1947. The TTN terminal, A.R.F.F. and National Guard buildings are not present.

1957, 1963, 1969, 1971 Photographs

A structure is evident in the location of an existing parking lot associated with the terminal building.

1979 Photograph

The existing terminal and National Guard buildings are now present on the airport property. The heli-pads adjacent to the National Guard building are also observed on the airport property.

1995 Photograph

The existing A.R.F.F. building is now present, just south of the terminal building.

1995 to 2010 Photographs

Additional airport development is noted, but there are no significant changes to the subject areas.

2012 to 2015 Photographs

The structure located in an existing terminal parking lot has been removed. The baggage claim structures are present north of the existing terminal.

3.2 STATE, FEDERAL, AND LOCAL AGENCY REVIEW

State, federal, and local agency databases were reviewed to determine if potentially hazardous sites are located, or were located, near the study area. Table 3-1 contains a summary of the Federal and state databases searched by EDR (Appendix A). Bold entries indicate that site(s) are listed in the specified EDR database.

TABLE 3-1: EDR DATABASE SEARCH

EDR Database Searched	Description	Search Distance (Miles)	No. of Sites Located
FEDERAL			
NPL	National Priority List	1.0	0
Delisted NPL	Sites deleted from the NPL list	1.0	0
RCRA-TSDF	Resource Conservation and Recovery Act–Storage, and Disposal Facilities	0.5	2
RCRA-SQG	Resource Conservation and Recovery Act, Small Quantity Generators	TP/AP	0
RCRA-LQG	Resource Conservation and Recovery Act, Large Quantity Generators	TP/AP	0
RCRA-CESQG	Resource Conservation and Recovery Act-Conditionally Exempt Small Quantity Generators	TP/AP	1
CERCLIS-Federal Facility	Comprehensive Environmental Response, Compensation, and Liability Information Systems	0	0
SEMS	Superfund Enterprise Management System	0.5	0
SEMS-ARCHIVE	Superfund Enterprise Management System Archive	0.5	2
CORRACTS	Corrective Action Report	1.0	2
US Brownfields	US Brownfields Sites	0.5	0
RAATS	RCRA Administrative Action Tracking System	TP	0
HMIRS	Hazardous Materials Incident Report System	TP	0
ERNS	Emergency Response Notification System	TP	0
TRIS	Toxic Chemical Release Inventory System	TP	0
TSCA	Toxic Substances Control Act	TP	0
FINDS	Facility Index System	TP	0
STATE			
NJ SHWS	States’ equivalent to CERCLIS	0.5	23
NJ SWF/LF	Solid Waste Facilities/Landfill Sites	0.5	1
LUST	Reported leaking underground storage tanks	0.5	8
NJ Spills	Notification of Hazardous Material Incidents	TP	14
NJ Release	Notification of Hazardous Material Releases	TP	2
UST	Underground Storage Tank	TP/AP	0
Brownfields	NJ Brownfield Sites	0.5	6
VCP	Voluntary Cleanup Program Sites	0.5	6
NJ Liens	NJ Lien Sites	0.5	0
Eng Controls	Sites with Engineering Controls	TP/AP	0
Inst Controls	Sites with Institutional Controls	TP/AP	1

Note: Positive EDR database search listed in **bold**

TP – Target Property

AP – Adjoining Property

3.2.1 RCRA-Conditionally Exempt Small Quantity Generator (RCRA-CESQG)

The RCRA-CESQG report contains information pertaining to facilities that generate, transport, store, treat, and/or dispose of hazardous waste. CESQGs generate less than 100 kilograms (kg) of hazardous waste or less than 1 kg of acutely hazardous waste per month. The Transportation Security Admin at TTN is on the RCRA-CESQG database. No violations are associated with this site.

3.2.2 RCRA-Treatment, Storage and Disposal Facilities (RCRA-TSDF)

The RCRA-TSDF report contains information pertaining to facilities that generate, transport, store, treat, and/or dispose of hazardous waste. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. Two RCRA-TSDF facilities exist within a 0.5-mile radius of the subject area according to the latest USEPA database.

TABLE 3-2: RCRA-TSDF SITES

Site Name	Miles and Direction from Site	Violation Record
Naval Air Warfare CT 1 Jack Stephan Way West Trenton, NJ	¼-1/2 SSE	Various violations between 1985 and 1999
GMC Fisher Body Division 1445 Parkway Ave Trenton, NJ	¼ -1/2 SE	Various violations between 1984 and 1991

3.2.3 Superfund Enterprise Management System Archive (SEMS-ARCHIVE)

SEMS-ARCHIVE contains information pertaining to sites that have been removed from the SEMS database. The list was formerly known as the CERCLIS NFRAP and was renamed by the EPA in 2015. SEMS-ARCHIVE sites indicate that assessment at the site has been completed and that the EPA has determined no further steps will be taken to list the site on the NPL. A review of the SEMS-ARCHIVE list, as provided by EDR, has revealed that there are two SEMS-ARCHIVE sites with a 0.5-mile radius of the subject property.

TABLE 3-3: SEMS-ARCHIVE SITES

Site Name	Miles and Direction from Site	Status
Naval Air Warfare CT 1 Jack Stephan Way West Trenton, NJ	¼-1/2 SSE	No further remedial action planned – site does not qualify for the NPL based on existing information
GMC Fisher Body Division 1445 Parkway Ave Trenton, NJ	¼ -1/2 SE	Not on the NPL – Deferred to RCRA

3.2.4 CORRACTS

CORRACTS is a list of handlers with RCRA Corrective Action activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity. A review of the CORRACTS list, as provided by EDR, has revealed that there are two CORRACTS site within a 1-mile radius of the subject property.

TABLE 3-4: CORRACTS SITES

Site Name	Miles and Direction from Site	Status
Naval Air Warfare CT 1 Jack Stephan Way West Trenton, NJ	¼-1/2 SSE	Facility assigned low corrective action priority (4/19/95) RFI Approved (8/28/01)
GMC Fisher Body Division 1445 Parkway Ave Trenton, NJ	¼ -1/2 SE	Facility assigned high corrective action priority (9/14/95)

3.2.5 NJ Known Contaminated Sites (NJ SHWS)

The NJ SHWS database lists known contaminated sites in New Jersey and includes sites under the purview of the Site Remediation Program which have contamination present at levels greater than the applicable cleanup criteria for soil and groundwater standards. EDR has identified 23 NJ SHWS sites within 0.5-mile radius of the subject area, including the Mercer County Airport (now TTN). EDR indicates an institutional control is associated with the Mercer County Airport property. All of the NJ SHWS sites are located greater than 0.25-miles from the subject areas, with the exception of American Properties (780 Bear Tavern Road); the NJ SHWS status for American Properties is reported by EDR as “closed.”

3.2.6 NJ Solid Waste Facilities/Landfills (SWF/LF)

The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills. According to EDR, the Naval Air Warfare site, located at 1440 Parkway Avenue, Trenton, NJ was included on this list with the status of “removed.”

3.2.7 Reported Leaking Underground Storage Tanks (LUST)

The LUST Report contains information pertaining to reported leaking underground storage tanks (LUSTs), spills, and tank overfills located within the Department of Environmental Protection’s Incident Report list. A review of the LUST lists provided by EDR has revealed that there are eight LUST sites within a 0.5-mile radius of the subject property.

TABLE 3-5: LUST SITES

Site Name	Miles and Direction from Site	Case ID	Activity No.
Ewing Township Complex 2 Jake Garzio Dr Ewing Township, NJ	¼ - ½ E	032655	LSR170001
Lukoil #57324 577 Grand Avenue Ewing Township, NJ	¼ - ½ S	003787	LSR100001
Unisys Aviation Mercer County Airport Trenton, NJ	¼ - ½ NE	005149	LSR120001 & LSP180001
Mountain View Golf 850 Bear Tavern Road Ewing Township, NJ	¼ - ½ W	033878	LSR120001
Cifelli's Quality Fuel 1543 Parkway Avenue Ewing Township, NJ	¼ - ½ SSE	033051	LSR130001
Delphi Interior 1445 Parkway Avenue Ewing Township, NJ	¼ - ½ SE	011336	LSR110001
Mercer County Airport Ewing Township, NJ	¼ - ½ NE	030166	LSR200001
Mercer County Airport Ewing Township, NJ	¼ - ½ ENE	026125	LSR120001

3.2.8 NJ Spills and Releases

The NJ Spills database provides initial notification of hazardous material incidents, where there is land contamination reported to the Department of Environmental Protection's Environmental Action Line. The NJ Release database provides initial notification of hazardous material releases reported to the Department of Environmental Protection's Environmental Action Line. According to EDR, a total of 14 hazardous material incidents were reported at TTN and a total of 2 hazardous material releases were reported to TTN.

3.2.9 NJ Brownfields

Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable criteria. A review of the NJ Brownfields list, as provided by EDR, has revealed that there are six NJ Brownfields sites within a 0.5-mile radius of the study area.

TABLE 3-6: NJ BROWNFIELDS SITES

Site Name	Miles and Direction from Site	Status	Cleanup Standard (Response Date)
Ronson Aviation, Inc. Scotch Road Ewing Township, NJ	1/8 – ¼ NE	No longer Brownfield	Known Source/Release with GW Contamination (4/11/00)
Naval Air Warfare 1440 Parkway Ave Ewing Township, NJ	¼ - ½ SSE	No longer Brownfield	Multiple Source/Release with GW Contamination (4/1/92)
Former Naval Propulsion Test Center 1460 Parkway Ave Ewing Township, NJ	¼ - ½ SE	No longer Brownfield	Not Reported
General Motors 1445 Parkway Ave Ewing Township, NJ	¼ - ½ SE	No longer Brownfield	Unknown or uncontrolled discharge to soil or groundwater (3/10/97)
Johnson & Johnson Mercer County Airport Ewing Township, NJ	¼ - ½ NE	No longer Brownfield	Known Source/Release with GW Contamination (5/1/96)
Mercer County Airport Ewing Township, NJ	¼ - ½ ENE	No longer Brownfield	Source known or identified- Potential GW contamination (1/31/02)

3.2.10 Voluntary Cleanup Program (VCP)

The VCP list includes sites that are involved in the voluntary cleanup program (VCP). A review of this database has revealed that six sites are within a 0.5 mile radius of the subject area.

TABLE 3-7: VCP SITES

Site Name	Miles and Direction from Site	MOA Execution Date	Type of VCP File
Naval Air Warfare 1440 Parkway Ave Ewing Township, NJ	¼ - ½ SSE	7/10/03	Historical
37 Sunset Avenue Ewing Township, NJ	¼ - ½ SSW	4/24/06	Historical
6 Michelle Court Ewing Township, NJ	¼ - ½ SSE	10/27/03	Historical
555 Walker Ave Ewing Township, NJ	¼ - ½ S	6/30/00	Historical
146 Summit Avenue Ewing Township, NJ	¼ - ½ S	10/16/01	Historical
General Motors 1445 Parkway Ave Ewing Township, NJ	¼ - ½ SE	2/2/96	Historical

3.2.11 Institutional Controls (NJ Inst Control)

This database lists sites where institutional controls remain in place as part of a remedial action to address soil and/or groundwater contamination. According to EDR, the Mercer County Airport has an institutional control, which was established on November 6, 1997. No additional information was available in the EDR on the type of institutional control put in place in 1997.

3.3 STATE FILE REVIEW

Urban conducted a file review at New Jersey Department of Environmental Protection (NJDEP) on April 17, 2019 for the project area and the surrounding sites. Information regarding tank closures, groundwater monitoring, and on-site use of excavated soil was reviewed. None of the information reviewed at the NJDEP file review was for the subject areas. The majority of the information was related to the former tank farm and Naval Marine facility located more than 0.5 miles to the north of the West Area.

3.4 HISTORIC PLAN REVIEW

Urban reviewed the March 4, 1975 Mercer County Airport New Terminal Facilities New Terminal Building plans. These plans depict a 4,000 gallon fuel oil underground storage tank (UST) located approximately 30 feet south of the terminal building. Refer to Attachment B for these plans.

3.5 NEW JERSEY GEOWEB

Urban reviewed New Jersey's GeoWeb interactive web mapping application to locate potential environmental areas of interest within the project areas. As shown in Figure 3, the West Area is on the Known Contaminated Sites List. In addition, historic fill is present in the green area. Figure 3 indicates that a UST inspection was conducted and terminated adjacent to the East Area.

The GeoWeb search also verified that a Deed Notice Area and a Groundwater Contamination Area (CEA) is located on the south quadrant of the runways (between Runway End 6 and Runway End 34); the Deed Notice Area and CEA are located outside of both of the project areas.

3.6 PHYSICAL SETTING

Site geology was reviewed through available information from the U.S. Department of Agriculture, Soil Conservation Service, NJDEP, and the USGS 7.5 minute series topographic map of Pennington, New Jersey. The results of these desktop reviews are provided in the sections below.

3.6.1 Topography and Drainage

The property is located on the Pennington, New Jersey Quadrangle of the USGS 7.5 minute series topographic map at an approximate elevation of 196 feet above mean sea level. The general topographic gradient of the site is towards the southeast.

3.6.2 Groundwater

Potential environmental concerns were evaluated based on a 7.5-minute series hydrologic map supplied by the U.S. Geological Survey. Apparent groundwater flow directions were estimated based on the following:

- Perennial streams and rivers as discharge areas for groundwater
- The role of topographic contours, which often reveal the natural flow direction of groundwater

These factors were considered for each area of potential environmental concern within the study area. This information can be used to evaluate the most likely direction of groundwater and associated contamination migration. The topographic contour is to the southeast. The nearest stream/river is the Delaware River which is located approximately 1.6 miles southeast of the subject property.

3.6.3 Geology and Soils Review

The subject site is located in the Piedmont Province, near the boundary with the Coastal Plain. This province is mainly underlain by slightly folded and faulted sedimentary rocks of Triassic and Jurassic age and igneous rocks of Jurassic age. In the Trenton area, there are small bands of highly metamorphosed rocks ranging in age from Middle Proterozoic to Cambrian.

The Piedmont is chiefly a low rolling plain divided by a series of higher ridges. The boundary with the Coastal Plain is placed at the contact between the rock units of the Piedmont and the unconsolidated Cretaceous sediments. It is essentially a line from Carteret through Princeton Junction to Trenton.

The soil investigation is based on the United States Department of Agriculture, Web Soil Survey. The following soils are located within the project areas:

- BucB (Bucks silt loam), 2 to 6% slopes: well drained
- QukB (Quakertown silt loam), 2 to 6% slopes: well drained
- QukB2 (Quakertown silt loam), 6 to 12% slopes, eroded: well drained
- REFB2 (Readington and Abbottstown silt loams), 2 to 6% slopes, eroded: moderately well drained
- UdbB (Udorthents bedrock substratum), 0 to 8% slopes: moderately well drained

3.6.4 Data Failures

According to ASTM E 1527-13, a data failure occurs when all of the standard historical sources (documented in the standard) that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. No data failures were encountered during this Phase I ESA.

4.0 SITE RECONNAISSANCE

Urban personnel conducted the site reconnaissance on April 10, 2019. It consisted of a site walk and a visual check of potential environmental concerns at the project areas and surrounding area. Photographs documenting the site reconnaissance are provided in Appendix C. The locations of the potential environmental concerns are also documented on Figure 2.

TABLE 4-1: SITE RECONNAISSANCE

Environmental Observations	Terminal & A.R.F.F. Area (West Area)	NJ Army National Guard Area (East Area)
<i>Hazardous Substances & Petroleum Products</i>	Aircraft fueling operations occur on the apron east of the existing terminal building. A deicing chemical storage area was noted on the north side of the terminal (Photograph 6). Routine vehicle maintenance and washing occur within the existing A.R.F.F. building in the vicinity of a floor drain (Photograph 9).	No hazardous substances or petroleum products were observed at the time of the site reconnaissance.
<i>Aboveground Storage Tank (AST)</i>	-A 1,700 gallon sub-base diesel fuel AST associated with a generator is located airside of the existing terminal building (refer to Photograph 2). This tank was in good on good condition and stored on a concrete surface at the time of the site visit. - Two 660-gallon AST of 3% Chemguard AFFF² inside of the A.R.F.F (Photograph 7). These tanks were in good condition at the time of the site visit and they were stored on a shelf on top of a concrete floor in the A.R.F.F. -One 100-gallon propane AST was observed adjacent to the terminal parking areas (Photograph 8). This tank was in good condition at the time of the site visit and located on a concrete pad.	No ASTs were observed in this area at the time of the site reconnaissance.
<i>Underground Storage Tank (UST)</i>	No evidence of USTs were observed at the time of the site reconnaissance.	
<i>Odors</i>	No odors were noted in either area during the site reconnaissance.	
<i>Pools of Liquid</i>	No pools of liquid were noted at the time of the site reconnaissance.	
<i>Drums & Containers</i>	-Urban observed the following drums and containers at the existing terminal building: 55-gallon drums, and containers of cleaning products, deicing solutions and hydraulic oil. All drums and	No drums or containers were present in this area at the time of the site reconnaissance.

² AFFF stands for aqueous film forming foam, which contains perfluoroalkyl and polyfluoroalkyl substances (PFAs).

Environmental Observations	Terminal & A.R.F.F. Area (West Area)	NJ Army National Guard Area (East Area)
<i>Drums & Containers (Cont'd)</i>	containers were in good condition and stored on impervious surfaces. -Urban observed the following drums & containers at the A.R.F.F. building (Photograph 4): 55-gallon drums of Chemguard-AFFF (~12 drums) and 5-gallon buckets of Chemguard-AFFF (~40 buckets). All drums and containers were in good condition and stored on impervious surfaces.	
<i>Stained Pavement</i>	Staining was noted airside of the existing terminal (Photograph 5) on the apron. Stains were noted in the vicinity of floor drains and along the taxiway adjacent to the apron.	Staining was not observed in this area at the time of the site reconnaissance.
<i>Distressed Vegetation & Stained Soil</i>	No distressed vegetation or stained soil was noted during the site reconnaissance.	
<i>Solid Waste</i>	Solid waste was stored in containers at the site of the site reconnaissance.	

5.0 INTERVIEWS

On April 10, 2019, Urban interviewed the following employees at TTN:

- *Kurt Neinstedt, Airport Maintenance Supervisor at TTN:* Mr. Neinstedt indicated that fuel oil spills occasionally occur near the apron area airside of the terminal building during fueling operations³, however the spills are typically cleaned up immediately. He stated that approximately 2 weeks prior to this interview, there was a fuel leak from a plane as it moved down the taxiway. Mr. Neinstedt stated that he is unaware of any oil/water separators or similar containment systems on the airport property. He is not aware of any other hazardous conditions or petroleum issues associated with the property.
- *Glenn Malin, Chief Warrant Officer, New Jersey National Guard:* Officer Malin has been stationed at the New Jersey Army National Guard for approximately 10 years, and is not aware of any hazardous conditions or petroleum issues associated with the property. He indicated two helicopter fuel oil ASTs were previously located at a concrete pad near the base of the helipad (as recent as 2015), however he is unaware of any releases associated with these ASTs.
- *Stuart Steele, A.R.F.F. Fire Chief:* Chief Steele confirmed that from at least 2005 to 2018 the fire department used the airside pavement to practice fire drills, which included using fire suppressing foams. In mid-2018 they were instructed that they could longer perform these drills on-site and had to move to an off-site facility. Chief Steele is not aware of any other hazardous conditions or petroleum issues associated with the property.

³ On May 1, 2019, Mr. Neinstedt informed Urban that he is not aware of any oil/water separators or similar containment systems on the property.

6.0 FINDINGS

This section summarizes the known or suspected environmental conditions related to the subject site based on the previously described records review, interviews, and site reconnaissance.

6.1 ENVIRONMENTAL FINDINGS

TABLE 6-1: ENVIRONMENTAL CONDITIONS FINDINGS

ESA Task	Potential Environmental Concerns
Owner/Client Provided Information & Interviews	According to interviews and client-provided information, the following potential environmental concerns were noted onsite: - Fuel oil spills near the apron area airside of the terminal building during fueling. - Recent fuel leak (end of March 2019) from a plane that stretched along the runway. - Between 2005 and 2018 fire suppressing foams were used during fire drills on the pavement adjacent to the A.R.F.F.
Records Review: Historic Maps	According to historic maps, the subject property has been used as an airport since at least the 1940s. Refer to Section 3.0 for more details.
Records Review: Historic Plans	According to the March 4, 1975 Mercer County New Terminal Building plans (Appendix B), a 4,000 gallon fuel oil UST is potentially located approximately 30 feet south of the terminal building.
Records Review: Agency Records & File Reviews	The following sites were documented near the subject area: 2 RCRA-TSDF sites 1 RCRA-CESQG site 2 SEMS-Archive sites 2 CORRACTS sites 23 NJ SHWS sites 1 NJ SWF/LF site 8 LUST sites 14 NJ Spills sites 2 NJ Release sites 6 VCP sites 6 NJ BROWNFIELD sites 1 Inst Controls site File reviews provided information related to releases at the subject site and surrounding sites; refer to Section 7.0. The NJ GeoWeb search also identified historic fill in the West Area and a terminated UST investigation in the East Area.
Site Reconnaissance	The following items of potential concern were noted during the site walk: - Hazardous Substances & Petroleum Products - Aboveground Storage Tanks - Drums & Containers - Stained Pavement

6.2 SIGNIFICANT DATA GAPS

A data gap (as defined by ASTM) is the inability to obtain information required by ASTM E 1527-13, despite “good faith” efforts, which is needed to identify recognized environmental conditions. No significant data gaps were identified during the course of this Phase I ESA.

7.0 OPINION

Section 6.0, Findings, listed potential environmental concerns that were identified during specific ESA Task efforts. Urban's professional opinion of the significance of the potential environmental conditions is presented in the following discussion.

Owner-Provided Information and Interviews

Current site occupants and historic maps have noted the following at the subject site:

- **Fuel spills/leaks:** Fuel spills and leaks have the potential to migrate from the asphalt to the surrounding impervious area and leach into the soil and possibly the groundwater.
- **Firefighting drills:** Fire suppressing foams were used during fire drills adjacent to the A.R.F.F. between 2005 and 2018. Fire suppressing foams historically contained perfluoroalkyl and polyfluoroalkyl substances (PFAs). PFAs do not break down in the environment and pose various health risks to humans and the environment therefore are an environmental concerns.

Based on the previous use of PFAs and fuel spills and leaks onsite, there is a potential that soil and groundwater contamination exist in the vicinity of the existing A.R.F.F.

Historic Map and Plan Review

According to historic maps, TTN has been used as an airport since at least the 1940s. Airport related operations including fueling, deicing, firefighting drills and others have occurred within the project area. Based on the previous and current uses of the subject property, there is a potential that soil and groundwater contamination exist onsite.

In addition, According to the March 4, 1975 Mercer County New Terminal Building plans, a 4,000 gallon fuel oil UST is potentially located approximately 30 feet south of the terminal building. The presence or removal of this UST could not be verified through interviews or file reviews. Therefore, there is a potential this UST exists within the subject property.

Urban did not investigate groundwater quality or conduct subsurface sampling; therefore, Urban makes no representation as to groundwater or subsurface conditions or any potential impact to the groundwater or soils from onsite or offsite sources.

Agency Records and File Reviews

Urban utilized EDR's computerized agency records system to identify potential environmental concerns at the subject site and surrounding properties. The following table summarizes the findings and presents Urban's opinion about the potential of environmental impact to the property based on an investigation of historic records available with NJDEP and an analysis of the location and distance relative to the subject areas.

TABLE 7-1: AGENCY RECORD ANALYSIS

Environmental Database	Environmental Risk or Liability	Comment
RCRA-CESQG Site	Low	It is unlikely that the RCRA-CESQG site impacted the subject property because no violations are reported with this facility.
RCRA-TSDF sites	Low	It is unlikely that the RCRA-TSDF sites impacted the subject property, based on the distances and locations downgradient from the subject property.
SEMS-ARCHIVE site	Low	It is unlikely that the SEMS-ARCHIVE sites impacted the subject property, based on the distances and locations downgradient from the subject property.
CORRACTS sites	Low	It is unlikely that the CORRACTS sites impacted the subject property, based on the distances and locations downgradient from the subject property.
NJ SHWS sites	Low	All of the NJ SHWS sites are located greater than 0.25 miles from the subject areas, with the exception of American Properties. American properties is located downgradient from the subject areas, therefore it is unlikely that it impacted the subject property.
NJ SWF/LF site	Low	It is unlikely that the NJ SWF/LF site impacted the subject property, based on the location downgradient from the subject property.
LUST sites	Low	It is unlikely that the LUST sites impacted the subject site based on historic records and their distances from the subject property. UST closure reports and a No Further Action letter from NJDEP (January 16, 1998) for the Naval and Marine Corps Reserve Center was found during the file review.
NJ Spills and Releases	High	According to EDR, a total of 14 hazardous material incidents were reported at TTN and a total of 2 hazardous material releases were reported to TTN. These incidents and releases may have impacted the subject areas.
NJ Brownfields Sites	Low	It is unlikely that the LUST sites impacted the subject site based on their distances from the subject property.
VCP sites	Low	It is unlikely that the CORRACTS sites impacted the subject property, based on the distances and locations downgradient from the subject property.
Institutional Control site	Low	According to the EDR, an institutional control was established at the Mercer County Airport on November 6, 1997. Based on the NJ GeoWeb interactive web mapping application, the Deed Notice Area and a CEA is located on the south quadrant of the runways (between Runway End 6 and Runway End 34); the Deed Notice Area and CEA are located outside of both of the subject project areas.

Urban also reviewed New Jersey's GeoWeb interactive web mapping application to locate potential environmental areas of interest within the project areas. As shown in Figure 3, the West Area is on the Known Contaminated Sites List and historic fill is present in the green area which may have impacted this area.

Physical Setting

No potential significant environmental concerns were identified during this ESA task.

Site Reconnaissance

The following items were noted during the site visit:

- ***Hazardous Substances & Petroleum Products:*** Aircraft fueling and deicing operations occur in the vicinity of the apron adjacent to the existing Terminal Building; drains are present on the apron. Routine vehicle maintenance and washing occur within the existing A.R.F.F. building in the vicinity of a floor drain.

Mr. Neinstedt stated that he is unaware of any oil/water separators (or similar containment systems) on the airport property. Based on design plans, the airfield apron inlets drain into the area south of the terminal. If the petroleum products or hazardous substances associated with these fueling, deicing, maintenance or washing operations are discharged onto the ground and to the existing drains, there is a potential that they could impact the soil and groundwater.

- ***Aboveground Storage Tanks:*** The ASTs onsite were in good condition at the time of the site visit and therefore it is unlikely that the presence of these tanks impacted the subject areas.
- ***Drums & Containers:*** The drums and containers were properly stored and in good condition at the time of the site visit. Therefore, it is unlikely that the presence of these drums and containers impacted the subject areas.
- ***Stained Pavement:*** Stained pavement is an indication of potential release on the subject site. Mr. Neinstedt stated that he is unaware of any oil/water separators (or similar containment systems) on the airport property. Based on design plans, the airfield apron inlets drain into the area south of the terminal. Therefore, there is a potential that spills or leaks in the vicinity of the drains could impact the soil and groundwater.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Urban has performed a Phase I Environmental Site Assessment of the following areas within TTN:

1. TTN Terminal and Existing A.R.F.F. Area (West Area)
2. New Jersey Army National Guard Area (East Area)

This Phase I ESA revealed no evidence of RECs, HRECs, or CRECs with the exception of the following:

8.1 RECOGNIZED ENVIRONMENTAL CONDITION

REC No. 1 – Fueling, Maintenance and Aircraft Operations

Based on the documented fuel spills and the ongoing fueling, maintenance, washing and deicing operations that occur at TTN within the West Area in combination with the lack of a containment system beneath the TTN apron and the A.R.F.F., there is a potential that releases have impacted the subsurface at the TTN Terminal and Existing A.R.F.F. Area (West Area). Due to the number of potential spills over time, Urban recommends conducting a Phase II ESA that consists soil sampling and analysis in areas of proposed earth disturbance in the vicinity of the apron and taxiways. The goal of the Phase II would be to adequately characterize areas of disturbance in order to inform the design and develop project/site specific soil and material handling plans and specifications.

REC No. 2 – Historic Fill

Due to the presence of historic fill on part of the West Area, there is a potential for subsurface contamination in the area of historic fill. Urban recommends performing soil sampling in the areas of historic fill as part of the Phase II ESA recommended in REC No. 1.

REC No. 3 – Historic Firefighting Drills

Since fire suppressing foams (that may have contained PFAs) were used during fire drills adjacent to the A.R.F.F. between 2005 and 2018, Urban recommends conducting a Phase II ESA that consists soil and groundwater sampling and analysis in areas of proposed earth disturbance in the vicinity of the A.R.F.F. testing locations.

REC No. 4 – Potential Underground Storage Tank

Due to the potential presence of a 4,000 gallon fuel oil UST approximately 30 feet south of the terminal building and lack of records documenting the removal or closure of this tank there is a potential this UST exists within the subject property. Urban recommends performing a ground penetrating radar (GPR) survey to locate the potential UST onsite south of the terminal building. If a UST is located and it is no longer in use, Urban recommends performing proper UST closure activities in accordance with NJDEP regulations.

REC No. 5 – Reported NJ Spills & Releases

Due to the reported NJ Spills and Releases noted during the records review, there is a potential that historic spills and releases occurred in the project areas; however the locations of these 14 hazardous material incidents and 2 hazardous material releases were not revealed during the file review or interviews. Therefore, similar to REC Nos. 1 and 2, Urban recommends conducting a Phase II ESA that consists soil sampling and analysis in areas of proposed earth disturbance associated with the new TTN Terminal and A.R.F.F. project.

8.2 HISTORIC RECOGNIZED ENVIRONMENTAL CONDITION

There are no known HRECs associated with this property.

8.3 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITION

According to environmental records an institutional control (IC) was established on the Mercer County Airport site in November 1997. Based on the NJ GeoWeb search, the IC includes a Deed Notice Area and a Groundwater Contamination Area (CEA) located on the south quadrant of the runways (between Runway End 6 and Runway End 34), outside of the project areas (refer to Figure 3). Therefore, there are no CRECs on the project areas.

9.0 REFERENCES

1. "ASTM E 1527-13 Standard. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The American Society for Testing and Materials.
2. "Certificate of Authority to Operate (CAO) a Beneficial Use Project for On-Site Use of Excavated Soil and Stone from Beneath Taxiway "C" of TTN." and associated documents. March 23, 2011.
3. "Mercer County of Dept. of Transportation and Infrastructure, Building #10, Quarterly Report." ACT Engineers, Inc. June 9, 1995.
4. "NJ Geological Survey." State of New Jersey Department of Environmental Protection Division of Water Supply and Geoscience.
5. "Pennington, NJ 7.5-min Quadrangle Topographic Map." US Geological Survey.
6. "Supplemental Investigation Report, Mercer County Airport- Former Covered Tank Farm." Enviro-Sciences, Inc. March 26, 2001.
7. "The EDR Radius Map with GeoCheck." Environmental Data Resources, Inc.
8. "The EDR Aerial Photo Decade Package." Environmental Data Resources, Inc.
9. "Underground Storage Tank System Closure Plan." ACT Engineers, Inc. June 4, 1993.
10. "Underground Storage Tank System Closure/Remedial Action Report." Oxford Engineering Company. December 18, 2001.
11. "Underground Storage Tank Remedial Investigation Report." ACT Engineers, Inc. November 27, 1996.
12. "Web Soil Survey." United States Department of Agriculture Natural Resources Conservation Service.
13. March 4, 1975 Mercer County Airport New Terminal Facilities New Terminal Building plans.

10.1 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This report was prepared by Jennifer Waters, under the supervision of Angelo Waters.

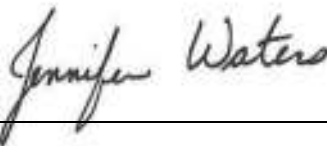
Ms. Waters is a Professional Engineer with over 17 years of experience in the environmental field. She has performed several Phase I ESAs and has extensive experience in soil and groundwater monitoring, asbestos investigation and monitoring, lead paint monitoring, and wetlands delineation. She holds a BS degree in Environmental Systems Engineering from the Pennsylvania State University and an MS degree in Engineering Management from Drexel University.

Mr. Waters is a Professional Engineer with almost 20 years of experience in the environmental engineering field. Mr. Waters has performed several Phase I ESAs and has experience in soil and groundwater monitoring, asbestos investigation and monitoring, lead paint monitoring, and environmental management systems. He holds a BS in Environmental Engineering and an MS degree in Engineering Management, both from Drexel University.

Declaration

We declare that, to the best of our knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 and ASTM 1527-13.



Jennifer L. Waters, P.E., LEED AP
Senior Environmental Engineer



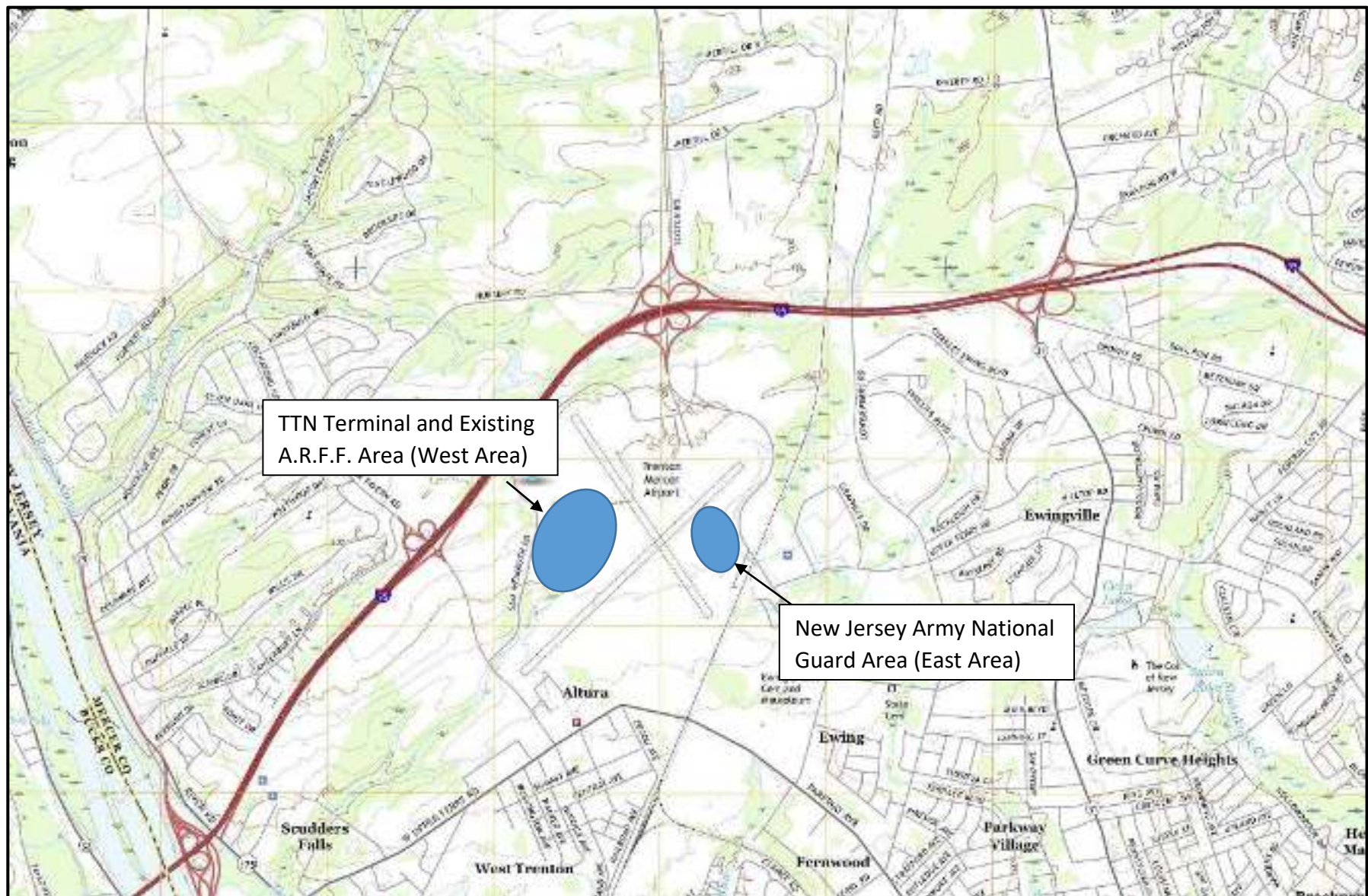
Angelo Waters, P.E., LEED AP
Director, Environmental Services

Figures

Figure 1 - USGS Site Location Map

Figure 2 – TTN Airport Map

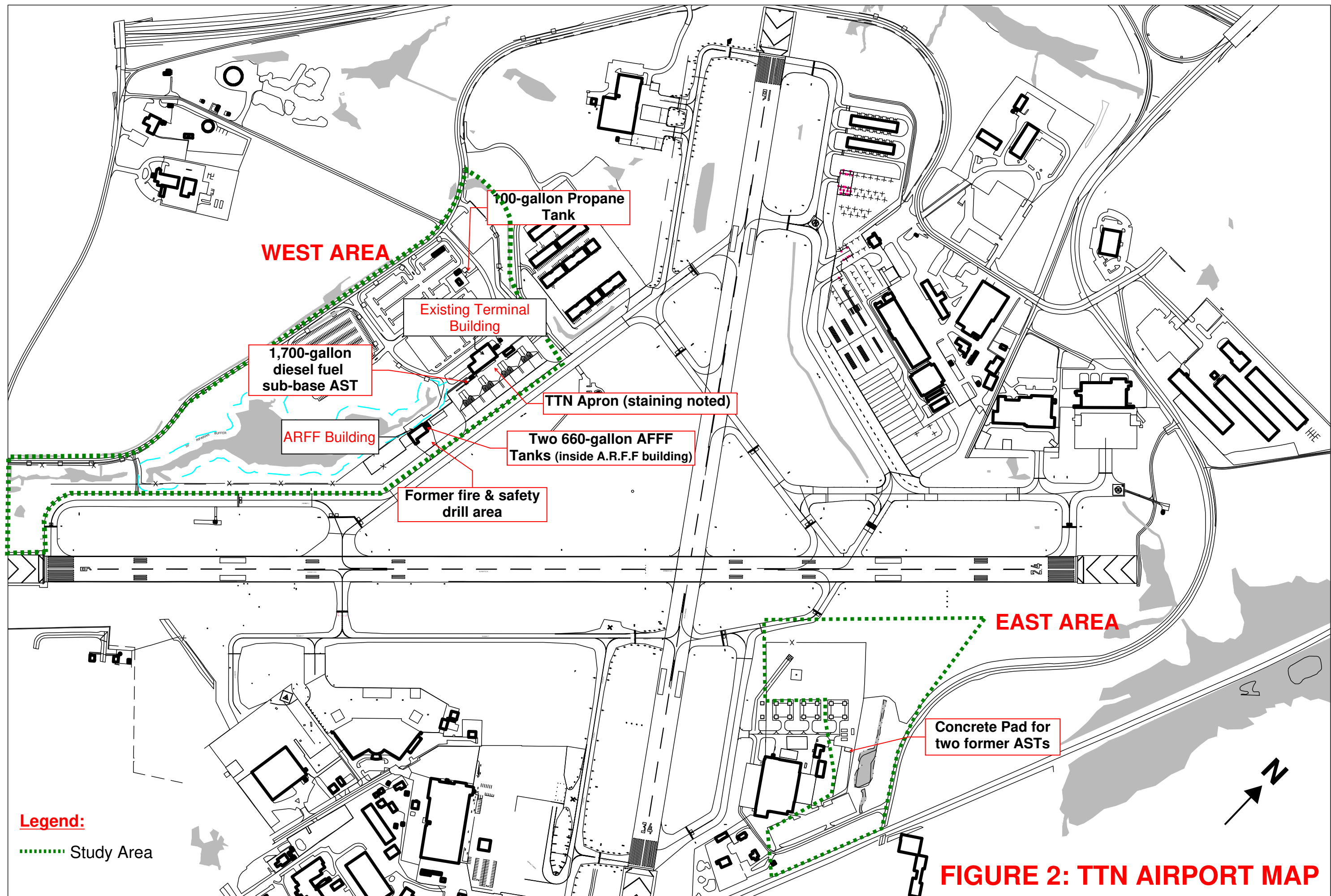
Figure 3 – New Jersey GeoWeb Map

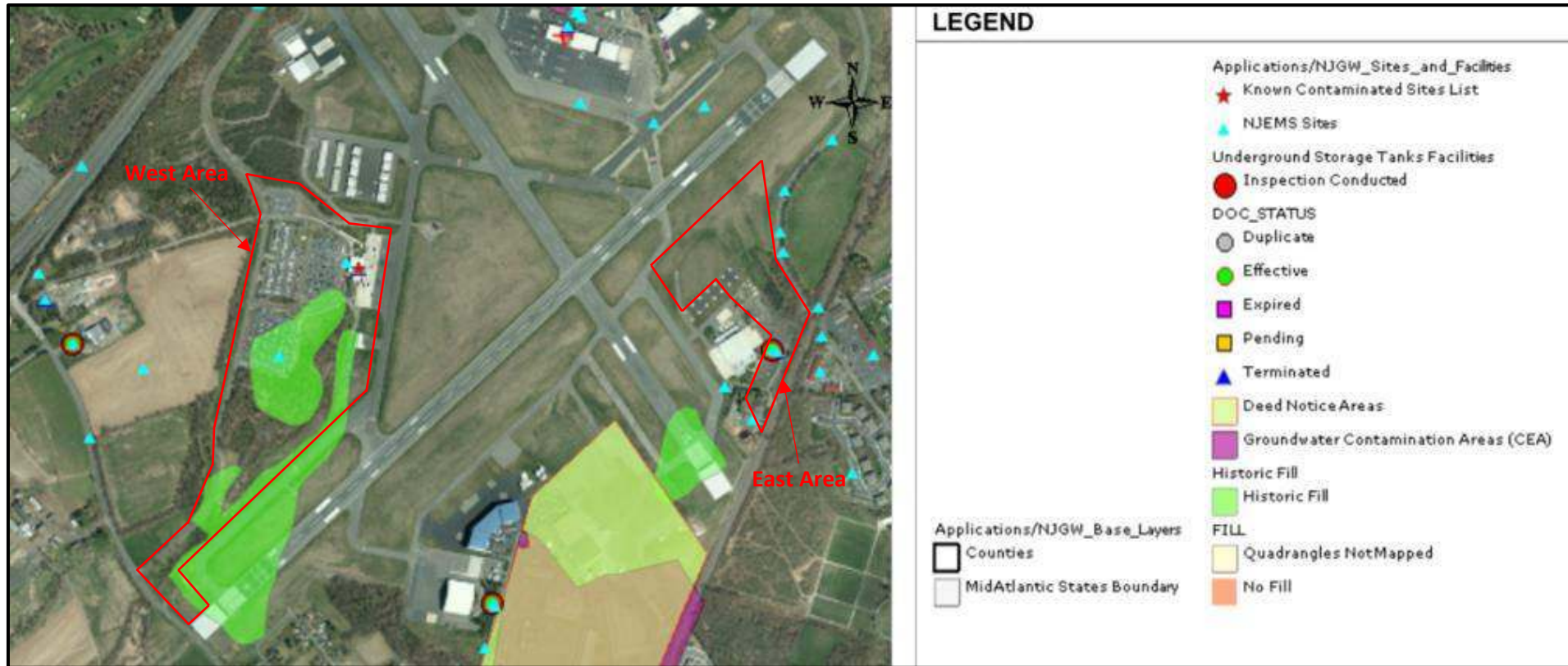


Source: usgs.gov

**Figure 1: USGS Topographic Map – Pennington, NJ Map
Trenton-Mercer Airport
Trenton, NJ**







Source: NJ GeoWeb

**Figure 3: New Jersey GeoWeb Map
Trenton-Mercer Airport
Trenton, NJ**



Appendix A

EDR Database Report

TTN

1100 Terminal Circle Drive
Trenton, NJ 08628

Inquiry Number: 5594699.2s
March 19, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

COORDINATES

Latitude (North):	40.2776660 - 40° 16' 39.59"
Longitude (West):	74.8182630 - 74° 49' 5.74"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	515450.4
UTM Y (Meters):	4458381.5
State Plane X (Feet):	403330.5
State Plane Y (Feet):	526216.8
Elevation:	196 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6048971 PENNINGTON, NJ
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150802, 20150816
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	REHAB.OF T/WS "H", "	1100 TERMINAL CIRCCL	NJ NPDES		TP
A2		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A3		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A4		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A5		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A6		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A7	TRANSPORTATION SECUR	1100 TERMINAL CIRCLE	NJ NJEMS, NJ Release, NJ SPILLS, NJ MANIFEST, NJ...		TP
A8		1100 TERMINAL CIR DR	NJ SPILLS		TP
A9	REHAB.OF T/WS H ,	1100 TERMINAL CIRCCL	FINDS		TP
A10		1100 TERMINAL CIRCLE	NJ Release		TP
A11		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A12	REHAB. T/WS H , B	1100 TERMINAL CIRCLE	FINDS		TP
A13	US TRANSPORTATION SE	1100 TERMINAL CIRCLE	FINDS		TP
A14	REHAB. T/WS H , B &	1100 TERMINAL CIRCLE	ECHO		TP
A15		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A16	TRENTON MERCER AIRPO	1100 TERMINAL CIRCLE	ECHO		TP
A17		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A18		1100 TERMINAL CIRCCL	NJ SPILLS		TP
A19		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A20	REHAB.OF T/WS H , B	1100 TERMINAL CIRCCL	ECHO		TP
A21	TRENTON MERCER AIRPO	1100 TERMINAL CIRCLE	FINDS		TP
A22	TRENTON MERCER AIRPO	1100 TERMINAL CIRCLE	ECHO		TP
A23	TRANSPORTATION SECUR	1100 TERMINAL CIRCLE	RCRA-CESQG		TP
A24		1100 TERMINAL CIRCLE	NJ SPILLS		TP
A25	TRENTON MERCER AIRPO	1100 TERMINAL CIRCLE	FINDS		TP
A26		1100 TERMINAL CIRCLE	NJ SPILLS		TP
27	MERCK SHARP & DOHME	100 SAM WEINROTH ROA	PA MANIFEST	Lower	1 ft.
28	MERCER CNTY AIRPORT	SCOTCH RD	NJ SHWS, NJ INST CONTROL, NJ NJEMS, NJ Release, NJ...	Lower	1 ft.
B29	NAVAL & MARINE CORPS	MERCER COUNTY AIRPOR	NJ UST	Lower	1 ft.
B30	WEST TRENTON NATIONA	SCOTCH RD	NJ HIST LUST	Lower	1 ft.
C31	R C A FLIGHT OPERATI	MERCER COUNTY AIRPOR	RCRA NonGen / NLR	Lower	1 ft.
C32	USCG - NAVY MARINE R	SCOTCH RD MERCER COU	RCRA-CESQG, US AIRS, NY MANIFEST	Lower	1 ft.
C33	MERCER ARMORY & OMS	MERCER COUNTY AIRPOR	NJ UST	Lower	1 ft.
C34	JOHNSON & JOHNSON AV	MERCER COUNTY A P SC	RCRA-CESQG, NJ HIST HWS, NJ UST, NJ MANIFEST	Lower	1 ft.
35	MERCER ARMORY/OMS	SCOTCH RD	RCRA NonGen / NLR, FINDS, ECHO, NJ MANIFEST, NY...	Lower	230, 0.044, South
36	AMERICAN PROPERTIES	780 BEAR TAVERN RD	NJ SHWS, NJ NJEMS	Higher	564, 0.107, WSW
D37	SCOTCH ROAD CLEANERS	184 SCOTCH RD	NJ NJEMS, NJ AIRS, NJ DRYCLEANERS	Lower	641, 0.121, ESE
D38	SCOTCH ROAD CLEANERS	184 SCOTCH RD	EDR Hist Cleaner	Lower	641, 0.121, ESE
D39	SCOTCH ROAD CLEANERS	184 SCOTCH RD	RCRA-CESQG, NJ MANIFEST	Lower	641, 0.121, ESE

MAPPED SITES SUMMARY

Target Property Address:
1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	TEDCO INC DBA MINUTE	199 SCOTCH RD	RCRA NonGen / NLR, NY MANIFEST	Lower	654, 0.124, ESE
D41	TBM CORPORATION	199 SCOTCH ROAD	NJ ISRA	Lower	654, 0.124, ESE
E42	D&R CANAL FIELD OFFI	770 BEAR TAVERN RD	NJ UST	Higher	962, 0.182, WSW
E43	D&R CANAL FIELD OFFI	770 BEAR TAVERN RD	NJ SHWS, NJ Release	Higher	962, 0.182, WSW
F44	JONES' FARM	BEAR TAVERN RD	NJ HIST LUST	Higher	1093, 0.207, WSW
F45	DEPARTMENT OF CORR A	1400 STUYVESANT AVE	NJ UST	Higher	1093, 0.207, WSW
F46	JONES FARM BARRACKS	BEAR TAVERN RD	NJ UST	Higher	1093, 0.207, WSW
G47	RONSON AVIATION INC	SCOTCH RD	NJ HIST HWS, NJ HIST LUST, NJ UST, NJ BROWNFIELDS	Higher	1129, 0.214, NE
G48	RONSON AVIATION	SCOTCH RD	NJ HIST LUST, NJ SPILLS	Higher	1129, 0.214, NE
H49	53 GRAND AVENUE WEST	53 GRAND AVE	NJ SHWS, NJ HIST HWS, NJ UST, NJ INST CONTROL, NJ...	Lower	1329, 0.252, South
50	WEST TRENTON MAINTEN	RT 95 & BEAR TAVERN	NJ HIST LUST, NJ UST	Higher	1341, 0.254, West
51	NAVAL AIR WARFARE CT	1 JACK STEPHAN WAY	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG	Lower	1374, 0.260, SSE
H52	MOBIL S/S #15-KTC	W UPPER FERRY RD & G	NJ HIST LUST	Lower	1390, 0.263, South
53	WEST TRENTON VOLUNTE	40 WEST UPPER FERRY	NJ HIST LUST	Lower	1403, 0.266, South
54	EWING TWP COMPLEX	2 JAKE GARZIO DR	NJ LUST, NJ NJEMS, NJ Release, NJ AIRS, NJ NPDES	Lower	1404, 0.266, East
H55	LUKOIL #57324	577 GRAND AVE	NJ HIST HWS, NJ LUST, NJ UST, NJ INST CONTROL, NJ...	Lower	1491, 0.282, South
56	FLIGHT SERV LLC	601 JACK STEPHAN WAY	NJ SHWS	Lower	1625, 0.308, SSE
I57	NAVAL AIR WARFARE CE	1440 PARKWAY AVE	NJ SHWS, NJ HIST HWS, NJ UST, NJ ENG CONTROLS, NJ...	Lower	1662, 0.315, SSE
I58	NAVAL AIR WARFARE CE	1440 PARKWAY AVENUE	NJ SWF/LF, NJ Release	Lower	1662, 0.315, SSE
59	3 HINCKLE AVENUE	3 HINCKLE AVE	NJ SHWS, NJ SPILLS	Lower	1664, 0.315, South
60	37 SUNSET AVENUE	37 SUNSET AVE	NJ SHWS, NJ VCP, NJ NJEMS	Lower	1669, 0.316, SSW
61	CREST ULTRASONICS CO	SCOTCH RD	NJ NJEMS, NJ ISRA	Higher	1783, 0.338, NE
J62	FORMER NAVAL PROPULS	1460 PARKWAY AVE	NJ BROWNFIELDS	Lower	1798, 0.341, SE
K63	6 MICHELLE COURT	6 MICHELLE CT	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release	Lower	1850, 0.350, SSE
64	AIR HANGAR INC	601 JACK STEPHAN WAY	NJ HIST LUST, NJ Release, NJ NPDES	Lower	1853, 0.351, SE
L65	CALDWELL SUPPLY COMP	1515 PARKWAY AVE	NJ SHWS	Lower	1917, 0.363, SSE
L66	CALDWELL SUPPLY COMP	1515 PARKWAY AVENUE	NJ ISRA	Lower	1917, 0.363, SSE
67	OMNI GRAPHICS	1505 PARKWAY AVENUE	NJ ISRA	Lower	1925, 0.365, SSE
J68	GM/FISHER BODY	PARKWAY AVE	NJ HIST LUST	Lower	1956, 0.370, SE
K69	7 MICHELLE COURT	7 MICHELLE CT	NJ SHWS, NJ Release	Lower	1976, 0.374, SSE
M70	555 WALKER AVE	555 WALKER AVE	NJ SHWS	Lower	1977, 0.374, South
M71	555 WALKER AVENUE	555 WALKER AVE	NJ VCP, NJ NJEMS	Lower	1977, 0.374, South
N72	UNISYS AVIATION DEPA	MERCER COUNTY AIRPOR	RCRA-CESQG, NJ HIST HWS, NJ LUST, NJ UST, NJ GW...	Higher	2001, 0.379, NE
N73	ROSS TRENTON @ MERCE	4 PITCAIRN RD	NJ SHWS, NJ INST CONTROL	Higher	2001, 0.379, NE
K74	10 MICHELLE COURT	10 MICHELLE CT	NJ SHWS, NJ Release	Lower	2011, 0.381, SSE
O75	MOUNTAIN VIEW GOLF C	850 BEAR TAVERN RD	NJ SHWS	Higher	2019, 0.382, West
O76	MOUNTAIN VIEW GOLF C	850 BEAR TAVERN RD	NJ LUST	Higher	2019, 0.382, West
P77	CIFELLI'S QUALITY FU	1543 PARKWAY AVE	NJ SHWS, NJ LUST	Lower	2040, 0.386, SSE
P78	PICERNOS SERVICE STA	1543 PARKWAY AVE	NJ HIST LUST	Lower	2040, 0.386, SSE

MAPPED SITES SUMMARY

Target Property Address:
1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	146 SUMMIT AVENUE	146 SUMMIT AVE	NJ SHWS, NJ VCP, NJ NJEMS	Lower	2121, 0.402, South
80	REDPOINT BIO CORP	7 GRAPHICS DR	NJ AIRS, NJ ISRA, NJ MANIFEST	Lower	2188, 0.414, East
81	RIEGEL PRINTING CO	1 GRAPHICS DR	NJ AIRS, NJ ISRA	Lower	2284, 0.433, East
Q82	CRODA INKS CORP	200 UPPER FERRY RD	NJ SHWS, NJ SPILLS, RCRA NonGen / NLR	Lower	2306, 0.437, East
Q83	CLARK GRAFICOLOR COR	200 UPPER FERRY ROAD	NJ ISRA	Lower	2306, 0.437, East
R84	GENERAL MOTORS CORP	1445 PARKWAY AVE	NJ HIST HWS, NJ VCP, NJ BROWNFIELDS, NJ Release,...	Lower	2328, 0.441, SE
R85	DELPHI INTERIOR & LI	1445 PARKWAY AVE	NJ UST, NJ SPILLS, NJ ISRA	Lower	2328, 0.441, SE
R86	GMC FISHER BODY DIVI	1445 PARKWAY AVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / ..	Lower	2328, 0.441, SE
R87	DELPHI INTERIOR & LI	1445 PARKWAY AVE	NJ SHWS, NJ LUST	Lower	2328, 0.441, SE
S88	OUR LADY OF GOOD COU	137 WEST UPPER FERRY	NJ HIST LUST	Lower	2351, 0.445, SSW
S89	OUR LADY OF GOOD COU	137 W UPPER FERRY RD	NJ SHWS, NJ UST, NJ NJEMS, NJ SPILLS	Lower	2351, 0.445, SSW
90	JOHNSON & JOHNSON	MERCER CNTY AIRPORT	NJ BROWNFIELDS	Higher	2381, 0.451, NE
T91	MARINE CORPS MERCER	SCOTCH RD	NJ HIST LUST	Higher	2395, 0.454, NE
T92	MERCER COUNTY AIRPOR	SCOTCH RD	NJ HIST LUST	Higher	2395, 0.454, NE
T93	MERCER COUNTRY AIRPO	SCOTCH ROAD	NJ HIST LUST	Higher	2395, 0.454, NE
T94	MERCER CNTY	MERCER COUNTY AIRPOR	NJ HIST LUST	Higher	2395, 0.454, NE
T95	UNISYS AVIATION DEPT	MERCER COUNTY AIRPOR	NJ HIST LUST	Higher	2395, 0.454, NE
T96	MERCER COUNTY AIRPOR	MERCER COUNTY AIRPOR	NJ HIST HWS, NJ LUST, NJ UST	Higher	2395, 0.454, NE
T97	RCA/GE FLIGHT OPERAT	MERCER COUNTY AIRPOR	NJ HIST LUST	Higher	2395, 0.454, NE
U98	MERCER CNTY AIRPORT	MERCER COUNTY AIRPOR	NJ SHWS, NJ HIST HWS, NJ LUST, NJ HIST LUST, NJ...	Lower	2398, 0.454, ENE
U99		300 SCOTCH RD	NJ SHWS, NJ Release	Lower	2398, 0.454, ENE
U100	COUNTY OF MERCER DEP	300 SCOTCH ROAD	NJ HIST LUST	Lower	2398, 0.454, ENE
101	110 SUMMIT AVENUE	110 SUMMIT AVE	NJ SHWS, NJ Release	Lower	2406, 0.456, SSE
102	CORE STATE BANK	40 SCOTCH RD	NJ SHWS	Lower	2804, 0.531, SE
V103	507 GRAND AVENUE	507 GRAND AVE	NJ SHWS, NJ Release	Lower	2839, 0.538, South
V104	500 GRAND AVENUE	500 GRAND AVE	NJ SHWS, NJ VCP, NJ NJEMS	Lower	2898, 0.549, South
105	MARTINDELL MOLDING C	1405 LOWER FERRY ROA	NJ SHWS, NJ ISRA	Lower	2905, 0.550, East
106	SPRUCE PRINTING CO	24 SCOTCH RD	RCRA-CESQG, NJ SHWS, NJ SPILLS	Lower	2982, 0.565, SE
107	EWING WORK CENTER (N	1399 LOWER FERRY RD	NJ SHWS, NJ HIST LUST	Lower	3109, 0.589, East
108	94 HINCKLE AVENUE	94 HINCKLE AVE	NJ SHWS, NJ Release	Lower	3126, 0.592, South
109		163 UPPER FERRY ROAD	NJ SHWS, NJ Release	Lower	3186, 0.603, East
110	485 GRAND AVENUE	485 GRAND AVE	NJ SHWS, NJ VCP	Lower	3298, 0.625, South
W111	63 WILLIS DRIVE	63 WILLIS DR	NJ SHWS, NJ VCP, NJ NJEMS	Lower	3466, 0.656, WSW
112	NJDEP DIV OF ENVIRON	380 SCOTCH RD	RCRA-CESQG, NJ SHWS, NJ HIST HWS, NJ INST CONTROL, ..	Lower	3482, 0.659, NE
113	AQSA LLC	1252 PARKWAY AVE	NJ SHWS, NJ HIST HWS, NJ UST, NJ Release, NJ...	Lower	3515, 0.666, SE
W114	61 WILLIS DRIVE	61 WILLIS DR	NJ SHWS, NJ VCP, NJ NJEMS	Lower	3581, 0.678, WSW
X115	9 LOCHATONG ROAD	9 LOCHATONG RD	NJ SHWS, NJ HIST HWS, NJ NJEMS	Higher	3858, 0.731, WNW
116	924 BEAR TAVERN ROAD	924 BEAR TAVERN RD	NJ SHWS, NJ NJEMS	Higher	3873, 0.734, WNW
117		1331 LOWER FERRY RD	NJ SHWS, NJ Release	Lower	3920, 0.742, East

MAPPED SITES SUMMARY

Target Property Address:
1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
X118	7 LOCHATONG ROAD	7 LOCHATONG RD	NJ SHWS, NJ Release	Higher	3977, 0.753, WNW
119	50 WILLIS DRIVE	50 WILLIS DR	NJ SHWS, NJ NJEMS, NJ Release	Lower	4013, 0.760, WSW
120	MOUNTAIN VIEW GULF S	941 BEAR TAVERN RD	NJ SHWS, NJ NJEMS, NJ AIRS	Lower	4302, 0.815, WNW
Y121	62 WINDYBUSH WAY	62 WINDYBUSH WAY	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4381, 0.830, WNW
Y122	60 WINDYBUSH WAY	60 WINDYBUSH WAY	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4386, 0.831, NW
123	1269 LOWER FERRY ROA	1269 LOWER FERRY RD	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release	Lower	4418, 0.837, ESE
124	AREA OF	16 RANDI WAY	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release, NJ SPILLS	Lower	4421, 0.837, NW
Z125	36 WINDYBUSH WAY	36 WINDYBUSH WAY	NJ SHWS, NJ HIST HWS, NJ VCP, NJ NJEMS	Lower	4422, 0.837, NW
126	7 MANSFIELD ROAD	7 MANSFIELD RD	NJ SHWS, NJ NJEMS, NJ Release	Lower	4424, 0.838, West
127	GREENWOOD HOUSE	53 WALTER ST	NJ SHWS	Lower	4455, 0.844, SE
128	45 WINDYBUSH WAY	45 WINDYBUSH WAY	NJ SHWS, NJ NJEMS	Lower	4466, 0.846, NW
129	23 RAVINE ROAD	23 RAVINE RD	NJ SHWS	Lower	4497, 0.852, SW
Z130	34 WINDYBUSH WAY	34 WINDYBUSH WAY	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4529, 0.858, NW
131	93 MOUNTAINVIEW ROAD	93 MOUNTAINVIEW RD	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4561, 0.864, WNW
132	84 MAIN BOULEVARD	84 MAIN BLVD	NJ SHWS, NJ VCP, NJ NJEMS, NJ Release	Lower	4716, 0.893, ESE
AA133	8 RANDI WAY	8 RANDI WAY	NJ SHWS, NJ NJEMS, FINDS	Lower	4826, 0.914, NW
134	30 PARDEE PLACE	30 PARDEE PL	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4866, 0.922, WSW
AA135	4 RANDI WAY	4 RANDI WAY	NJ SHWS, NJ HIST HWS, NJ VCP, NJ NJEMS	Lower	4919, 0.932, NW
AB136	3 TINA DRIVE	3 TINA DR	NJ SHWS, NJ Release	Lower	4932, 0.934, NW
137	1130 PARKWAY AVENUE	1130 PARKWAY AVE	NJ SHWS	Lower	4937, 0.935, SE
AB138	2 RANDI WAY	2 RANDI WAY	NJ SHWS, NJ Release	Lower	4960, 0.939, NW
139	1155 LOWER FERRY ROA	1155 LOWER FERRY RD	NJ SHWS, NJ VCP, NJ NJEMS	Lower	4996, 0.946, SE
140	13 VAN DUYN DRIVE	13 VAN DUYN DR	NJ SHWS, NJ Release	Lower	5076, 0.961, ESE
AB141	13 WINDYBUSH WAY	13 WINDYBUSH WAY	NJ SHWS, NJ NJEMS	Lower	5117, 0.969, NW
142	266 WEST UPPER FERRY	266 W UPPER FERRY RD	NJ SHWS, NJ NJEMS, FINDS	Lower	5210, 0.987, SW
143	NJM INSURANCE CO	370 SULLIVAN WAY	NJ SHWS, NJ HIST HWS, NJ INST CONTROL, NJ NJEMS,...	Lower	5217, 0.988, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
REHAB.OF T/WS "H", " 1100 TERMINAL CIRCRL EWING, NJ 08628	NJ NPDES NJPDES Permit Number: NJG0256536	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS Case Number: 16-02-20-1454-54 Facility Id: 589998 Incident Status: Terminated	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS Case Number: 16-12-28-1613-08 Facility Id: 626991 Incident Status: Terminated	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS Case Number: 17-03-04-0620-18 Facility Id: 632507 Incident Status: Terminated	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS Case Number: 17-03-26-1106-57 Facility Id: 634239 Incident Status: Terminated	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE TRENTON CITY, NJ 08608	NJ SPILLS Case Number: 17-03-11-1722-10 Facility Id: 633178 Incident Status: Terminated	N/A
TRANSPORTATION SECUR 1100 TERMINAL CIRCLE TRENTON, NJ 08628	NJ NJEMS Site Id: 385277 NJ Release NJ SPILLS Case Number: 17-07-09-1159-05	N/A

EXECUTIVE SUMMARY

	Facility Id: 645784 Incident Status: Terminated NJ MANIFEST EPA Id: NJR986635969 EPA Id: NJX000341347 NJ NPDES NJPDES Permit Number: NJG0266612 NJPDES Permit Number: NJG0273805 NJPDES Permit Number: NJG0276626	
1100 TERMINAL CIR DR 1100 TERMINAL CIR DR EWING TWP, NJ 08628	NJ SPILLS Case Number: 18-03-30-1010-18 Facility Id: 670791 Incident Status: Terminated	N/A
REHAB.OF T/WS H , 1100 TERMINAL CIRCRL EWING TWP, NJ 08628	FINDS Registry ID:: 110070218652	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ Release	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS Case Number: 18-04-05-1552-47 Facility Id: 671338 Incident Status: Terminated	N/A
REHAB. T/WS H , B 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	FINDS Registry ID:: 110070221855	N/A
US TRANSPORTATION SE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	FINDS Registry ID:: 110029333326	N/A
REHAB. T/WS H , B & 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	ECHO Registry ID: 110070221855	N/A
1100 TERMINAL CIRCLE 1100 TERMINAL CIRCLE EWING TWP, NJ 08628	NJ SPILLS	N/A

EXECUTIVE SUMMARY

Case Number: 17-12-07-1235-08
Facility Id: 661373
Incident Status: Terminated

TRENTON MERCER AIRPO
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

ECHO
Registry ID: 110070215703

N/A

1100 TERMINAL CIRCLE
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

NJ SPILLS
Case Number: 13-07-08-1031-04
Facility Id: 481665
Incident Status: Terminated

N/A

1100 TERMINAL CIRCL
1100 TERMINAL CIRCL
EWING TWP, NJ 08628

NJ SPILLS
Case Number: 13-05-29-1304-51
Facility Id: 475352
Incident Status: Terminated

N/A

1100 TERMINAL CIRCLE
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

NJ SPILLS
Case Number: 11-05-12-1717-53
Facility Id: 386474
Incident Status: Terminated

N/A

REHAB.OF T/WS H , B
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

ECHO
Registry ID: 110070218652

N/A

TRENTON MERCER AIRPO
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

FINDS
Registry ID:: 110070214787

N/A

TRENTON MERCER AIRPO
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

ECHO
Registry ID: 110070214787

N/A

TRANSPORTATION SECUR
1100 TERMINAL CIRCLE
TRENTON, NJ 08628

RCRA-CESQG
EPA ID:: NJR986635969

NJR986635969

1100 TERMINAL CIRCLE
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

NJ SPILLS

N/A

EXECUTIVE SUMMARY

Case Number: 18-02-15-2055-42
Facility Id: 666894
Incident Status: Terminated

TRENTON MERCER AIRPO
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

FINDS
Registry ID:: 110070215703

N/A

1100 TERMINAL CIRCLE
1100 TERMINAL CIRCLE
EWING TWP, NJ 08628

NJ SPILLS
Case Number: 18-01-15-1707-47
Facility Id: 664051
Incident Status: Terminated

N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NJ HWS RE-EVAL..... Site Re-Evaluation Report

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
NJ MAJOR FACILITIES..... List of Major Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
NJ PF..... Publicly Funded Cleanups Site Status Report

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NJ HIST LF..... Solid Waste Facility Directory
NJ SWRCY..... Approved Class B Recycling Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register

Local Land Records

NJ LIENS..... Environmental LIENS
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

NJ SPILLS 90..... SPILLS 90 data from FirstSearch
 NJ SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
 DOD..... Department of Defense Sites
 SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
 EPA WATCH LIST..... EPA WATCH LIST
 2020 COR ACTION..... 2020 Corrective Action Program List
 TSCA..... Toxic Substances Control Act
 TRIS..... Toxic Chemical Release Inventory System
 SSTS..... Section 7 Tracking Systems
 ROD..... Records Of Decision
 RMP..... Risk Management Plans
 RAATS..... RCRA Administrative Action Tracking System
 PRP..... Potentially Responsible Parties
 ICIS..... Integrated Compliance Information System
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decrees
 INDIAN RESERV..... Indian Reservations
 FUSRAP..... Formerly Utilized Sites Remedial Action Program
 UMTRA..... Uranium Mill Tailings Sites
 LEAD SMELTERS..... Lead Smelter Sites
 US MINES..... Mines Master Index File
 ABANDONED MINES..... Abandoned Mines
 UXO..... Unexploded Ordnance Sites
 DOCKET HWC..... Hazardous Waste Compliance Docket Listing
 FUELS PROGRAM..... EPA Fuels Program Registered Listing
 NJ CHROME..... Chromate Chemical Production Waste Sites
 NJ COAL ASH..... Coal Ash Listing
 NJ HIST MAJOR FACILITIES..... List of Major Facilities
 NJ UIC..... Underground Injection Wells Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
 EDR Hist Auto..... EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NJ RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

EXECUTIVE SUMMARY

NJ RGA LF..... Recovered Government Archive Solid Waste Facilities List
NJ RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 02/06/2019 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NAVAL AIR WARFARE CT</i> Site ID: 0201177 EPA Id: NJ9170022694	<i>1 JACK STEPHAN WAY</i>	<i>SSE 1/4 - 1/2 (0.260 mi.)</i>	<i>51</i>	<i>133</i>
<i>GMC FISHER BODY DIVI</i> Site ID: 0200196 EPA Id: NJD002353951	<i>1445 PARKWAY AVE</i>	<i>SE 1/4 - 1/2 (0.441 mi.)</i>	<i>R86</i>	<i>303</i>

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2

EXECUTIVE SUMMARY

CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CT EPA ID:: NJ9170022694	1 JACK STEPHAN WAY	SSE 1/4 - 1/2 (0.260 mi.)	51	133
GMC FISHER BODY DIVI EPA ID:: NJD002353951	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R86	303

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 RCRA-TSDF sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CT EPA ID:: NJ9170022694	1 JACK STEPHAN WAY	SSE 1/4 - 1/2 (0.260 mi.)	51	133
GMC FISHER BODY DIVI EPA ID:: NJD002353951	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R86	303

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USCG - NAVY MARINE R EPA ID:: NJ4170022400	SCOTCH RD MERCER COU	0 - 1/8 (0.000 mi.)	C32	63
JOHNSON & JOHNSON AV EPA ID:: NJD043965110	MERCER COUNTY A P SC	0 - 1/8 (0.000 mi.)	C34	71
SCOTCH ROAD CLEANERS EPA ID:: NJD986605392	184 SCOTCH RD	ESE 0 - 1/8 (0.121 mi.)	D39	101

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

NJ SHWS: Known contaminated sites in New Jersey except those associated with Bureau of Underground Storage Sites (BUST)

A review of the NJ SHWS list, as provided by EDR, and dated 10/23/2018 has revealed that there are 65 NJ SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN PROPERTIES Site ID: 15825 Status: Closed	780 BEAR TAVERN RD	WSW 0 - 1/8 (0.107 mi.)	36	99
D&R CANAL FIELD OFFI Site ID: 49409 Status: Closed	770 BEAR TAVERN RD	WSW 1/8 - 1/4 (0.182 mi.)	E43	109
ROSS TRENTON @ MERCE Site ID: 6590 Status: Active	4 PITCAIRN RD	NE 1/4 - 1/2 (0.379 mi.)	N73	250
MOUNTAIN VIEW GOLF C Site ID: 58020 Status: Active	850 BEAR TAVERN RD	W 1/4 - 1/2 (0.382 mi.)	O75	256
9 LOCHATONG ROAD Site ID: 125497 Status: Closed	9 LOCHATONG RD	WNW 1/2 - 1 (0.731 mi.)	X115	400
924 BEAR TAVERN ROAD Site ID: 460404 Status: Closed	924 BEAR TAVERN RD	WNW 1/2 - 1 (0.734 mi.)	116	401
7 LOCHATONG ROAD Site ID: 448646 Status: Closed	7 LOCHATONG RD	WNW 1/2 - 1 (0.753 mi.)	X118	406
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCER CNTY AIRPORT Site ID: 89319 Status: Active	SCOTCH RD	0 - 1/8 (0.000 mi.)	28	52
53 GRAND AVENUE WEST Site ID: 6642 Status: Closed	53 GRAND AVE	S 1/4 - 1/2 (0.252 mi.)	H49	124
FLIGHT SERV LLC Site ID: 17125 Status: Closed	601 JACK STEPHAN WAY	SSE 1/4 - 1/2 (0.308 mi.)	56	167
NAVAL AIR WARFARE CE Site ID: 15829 Status: Active	1440 PARKWAY AVE	SSE 1/4 - 1/2 (0.315 mi.)	I57	167
3 HINCKLE AVENUE Site ID: 606649 Status: Closed	3 HINCKLE AVE	S 1/4 - 1/2 (0.315 mi.)	59	219
37 SUNSET AVENUE Site ID: 219442	37 SUNSET AVE	SSW 1/4 - 1/2 (0.316 mi.)	60	221

EXECUTIVE SUMMARY

Status: Closed				
6 MICHELLE COURT Site ID: 163712 Status: Closed	6 MICHELLE CT	SSE 1/4 - 1/2 (0.350 mi.)	K63	225
CALDWELL SUPPLY COMP Site ID: 76209 Status: Closed	1515 PARKWAY AVE	SSE 1/4 - 1/2 (0.363 mi.)	L65	231
7 MICHELLE COURT Site ID: 424552 Status: Closed	7 MICHELLE CT	SSE 1/4 - 1/2 (0.374 mi.)	K69	233
555 WALKER AVE Site ID: 75245 Status: Closed	555 WALKER AVE	S 1/4 - 1/2 (0.374 mi.)	M70	235
10 MICHELLE COURT Site ID: 481452 Status: Closed	10 MICHELLE CT	SSE 1/4 - 1/2 (0.381 mi.)	K74	254
CIFELLI'S QUALITY FU Site ID: 6602 Status: Active	1543 PARKWAY AVE	SSE 1/4 - 1/2 (0.386 mi.)	P77	257
146 SUMMIT AVENUE Site ID: 88312 Status: Closed	146 SUMMIT AVE	S 1/4 - 1/2 (0.402 mi.)	79	258
CRODA INKS CORP Site ID: 6625 Status: Closed	200 UPPER FERRY RD	E 1/4 - 1/2 (0.437 mi.)	Q82	264
DELPHI INTERIOR & LI Site ID: 14633 Status: Active	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R87	336
OUR LADY OF GOOD COU Site ID: 17022 Status: Closed	137 W UPPER FERRY RD	SSW 1/4 - 1/2 (0.445 mi.)	S89	337
MERCER CNTY AIRPORT Site ID: 89319 Status: Active	MERCER COUNTY AIRPOR	ENE 1/4 - 1/2 (0.454 mi.)	U98	347
Not reported Site ID: 6568 Status: Active	300 SCOTCH RD	ENE 1/4 - 1/2 (0.454 mi.)	U99	364
110 SUMMIT AVENUE Site ID: 451104 Status: Closed	110 SUMMIT AVE	SSE 1/4 - 1/2 (0.456 mi.)	101	370
CORE STATE BANK Site ID: 72770 Status: Closed	40 SCOTCH RD	SE 1/2 - 1 (0.531 mi.)	102	372
507 GRAND AVENUE Site ID: 494964 Status: Closed	507 GRAND AVE	S 1/2 - 1 (0.538 mi.)	V103	372
500 GRAND AVENUE Site ID: 358861 Status: Closed	500 GRAND AVE	S 1/2 - 1 (0.549 mi.)	V104	374
MARTINDELL MOLDING C	1405 LOWER FERRY ROA	E 1/2 - 1 (0.550 mi.)	105	375

EXECUTIVE SUMMARY

Site ID: 70996 Status: Closed				
SPRUCE PRINTING CO Site ID: 20174 Status: Closed	24 SCOTCH RD	SE 1/2 - 1 (0.565 mi.)	106	377
EWING WORK CENTER (N Site ID: 6629 Status: Closed	1399 LOWER FERRY RD	E 1/2 - 1 (0.589 mi.)	107	381
94 HINCKLE AVENUE Site ID: 531886 Status: Closed	94 HINCKLE AVE	S 1/2 - 1 (0.592 mi.)	108	382
Not reported Site ID: 604159 Status: Closed	163 UPPER FERRY ROAD	E 1/2 - 1 (0.603 mi.)	109	384
485 GRAND AVENUE Site ID: 354911 Status: Closed	485 GRAND AVE	S 1/2 - 1 (0.625 mi.)	110	386
63 WILLIS DRIVE Site ID: 225940 Status: Closed	63 WILLIS DR	WSW 1/2 - 1 (0.656 mi.)	W111	387
NJDEP DIV OF ENVIRON Site ID: 6586 Site ID: 57769 Status: Closed	380 SCOTCH RD	NE 1/2 - 1 (0.659 mi.)	112	388
AQSA LLC Site ID: 6618 Status: Closed	1252 PARKWAY AVE	SE 1/2 - 1 (0.666 mi.)	113	393
61 WILLIS DRIVE Site ID: 143778 Status: Closed	61 WILLIS DR	WSW 1/2 - 1 (0.678 mi.)	W114	399
Not reported Site ID: 46643 Status: Closed	1331 LOWER FERRY RD	E 1/2 - 1 (0.742 mi.)	117	402
50 WILLIS DRIVE Site ID: 371312 Status: Closed	50 WILLIS DR	WSW 1/2 - 1 (0.760 mi.)	119	408
MOUNTAIN VIEW GULF S Site ID: 15389 Status: Closed	941 BEAR TAVERN RD	WNW 1/2 - 1 (0.815 mi.)	120	410
62 WINDYBUSH WAY Site ID: 129160 Status: Closed	62 WINDYBUSH WAY	WNW 1/2 - 1 (0.830 mi.)	Y121	412
60 WINDYBUSH WAY Site ID: 174785 Status: Closed	60 WINDYBUSH WAY	NW 1/2 - 1 (0.831 mi.)	Y122	413
1269 LOWER FERRY ROA Site ID: 167961 Status: Closed	1269 LOWER FERRY RD	ESE 1/2 - 1 (0.837 mi.)	123	414
AREA OF	16 RANDI WAY	NW 1/2 - 1 (0.837 mi.)	124	417

EXECUTIVE SUMMARY

Site ID: 153654 Status: Closed				
36 WINDYBUSH WAY Site ID: 126582 Status: Closed	36 WINDYBUSH WAY	NW 1/2 - 1 (0.837 mi.)	Z125	422
7 MANSFIELD ROAD Site ID: 370805 Status: Closed	7 MANSFIELD RD	W 1/2 - 1 (0.838 mi.)	126	423
GREENWOOD HOUSE Site ID: 17958 Status: Closed	53 WALTER ST	SE 1/2 - 1 (0.844 mi.)	127	426
45 WINDYBUSH WAY Site ID: 75864 Status: Closed	45 WINDYBUSH WAY	NW 1/2 - 1 (0.846 mi.)	128	426
23 RAVINE ROAD Site ID: 452110 Status: Closed	23 RAVINE RD	SW 1/2 - 1 (0.852 mi.)	129	427
34 WINDYBUSH WAY Site ID: 144791 Status: Closed	34 WINDYBUSH WAY	NW 1/2 - 1 (0.858 mi.)	Z130	427
93 MOUNTAINVIEW ROAD Site ID: 74767 Status: Closed	93 MOUNTAINVIEW RD	WNW 1/2 - 1 (0.864 mi.)	131	428
84 MAIN BOULEVARD Site ID: 174218 Status: Closed	84 MAIN BLVD	ESE 1/2 - 1 (0.893 mi.)	132	429
8 RANDI WAY Site ID: 162762 Status: Closed	8 RANDI WAY	NW 1/2 - 1 (0.914 mi.)	AA133	432
30 PARDEE PLACE Site ID: 363213 Status: Closed	30 PARDEE PL	WSW 1/2 - 1 (0.922 mi.)	134	433
4 RANDI WAY Site ID: 121472 Status: Closed	4 RANDI WAY	NW 1/2 - 1 (0.932 mi.)	AA135	434
3 TINA DRIVE Site ID: 410138 Status: Closed	3 TINA DR	NW 1/2 - 1 (0.934 mi.)	AB136	435
1130 PARKWAY AVENUE Site ID: 527240 Status: Closed	1130 PARKWAY AVE	SE 1/2 - 1 (0.935 mi.)	137	437
2 RANDI WAY Site ID: 452701 Status: Closed	2 RANDI WAY	NW 1/2 - 1 (0.939 mi.)	AB138	437
1155 LOWER FERRY ROA Site ID: 72812 Status: Closed	1155 LOWER FERRY RD	SE 1/2 - 1 (0.946 mi.)	139	440
13 VAN DUYN DRIVE Site ID: 380086	13 VAN DUYN DR	ESE 1/2 - 1 (0.961 mi.)	140	441

EXECUTIVE SUMMARY

Status: Closed

13 WINDYBUSH WAY Site ID: 74680 Status: Closed	13 WINDYBUSH WAY	NW 1/2 - 1 (0.969 mi.)	AB141	443
266 WEST UPPER FERRY Site ID: 200170 Status: Closed	266 W UPPER FERRY RD	SW 1/2 - 1 (0.987 mi.)	142	444
NJM INSURANCE CO Site ID: 6587 Status: Active	370 SULLIVAN WAY	S 1/2 - 1 (0.988 mi.)	143	445

State and tribal landfill and/or solid waste disposal site lists

NJ SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection & Energy's Solid Waste Facility Directory.

A review of the NJ SWF/LF list, as provided by EDR, and dated 04/01/2018 has revealed that there is 1 NJ SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CE Status: REMOVED	1440 PARKWAY AVENUE	SSE 1/4 - 1/2 (0.315 mi.)	I58	214

State and tribal leaking storage tank lists

NJ LUST: A listing of regulated Underground Storage Tanks that have a cleanup underway.

A review of the NJ LUST list, as provided by EDR, and dated 11/19/2018 has revealed that there are 8 NJ LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNISYS AVIATION DEPA Case Id: 005149	MERCER COUNTY AIRPOR	NE 1/4 - 1/2 (0.379 mi.)	N72	236
MOUNTAIN VIEW GOLF C Case Id: 033878	850 BEAR TAVER N RD	W 1/4 - 1/2 (0.382 mi.)	O76	257
MERCER COUNTY AIRPOR Case Id: 030166	MERCER COUNTY AIRPOR	NE 1/4 - 1/2 (0.454 mi.)	T96	344
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EWING TWP COMPLEX Case Id: 032655	2 JAKE GARZIO DR	E 1/4 - 1/2 (0.266 mi.)	54	154
LUKOIL #57324 Case Id: 003787	577 GRAND AVE	S 1/4 - 1/2 (0.282 mi.)	H55	160
CIFELLI'S QUALITY FU	1543 PARKWAY AVE	SSE 1/4 - 1/2 (0.386 mi.)	P77	257

EXECUTIVE SUMMARY

DELPHI INTERIOR & LI Case Id: 011336	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R87	336
MERCER CNTY AIRPORT Case Id: 026125	MERCER COUNTY AIRPOR	ENE 1/4 - 1/2 (0.454 mi.)	U98	347

A review of the NJ HIST LUST list, as provided by EDR, and dated 09/17/2002 has revealed that there are 19 NJ HIST LUST sites within approximately 0.5 miles of the target property.

TC5594699.2s EXECUTIVE SUMMARY 19

EXECUTIVE SUMMARY

Facility Status: Assigned to a Program				
WEST TRENTON VOLUNTE	40 WEST UPPER FERRY	S 1/4 - 1/2 (0.266 mi.)	53	153
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern				
AIR HANGAR INC	601 JACK STEPHAN WAY	SE 1/4 - 1/2 (0.351 mi.)	64	228
Case Id: 91-11-04-1405				
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern				
GM/FISHER BODY	PARKWAY AVE	SE 1/4 - 1/2 (0.370 mi.)	J68	232
Case Id: 85-08-30-0900				
Facility Status: File Missing				
PICERNOS SERVICE STA	1543 PARKWAY AVE	SSE 1/4 - 1/2 (0.386 mi.)	P78	257
Case Id: 91-10-15-0928				
Facility Status: Case Awaiting Assignment				
OUR LADY OF GOOD COU	137 WEST UPPER FERRY	SSW 1/4 - 1/2 (0.445 mi.)	S88	336
Case Id: 99-07-13-1243-08				
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern				
MERCER CNTY AIRPORT	MERCER COUNTY AIRPOR	ENE 1/4 - 1/2 (0.454 mi.)	U98	347
Case Id: 87-04-02-01C				
Case Id: 94-01-28-1435				
Case Id: 99-10-01-1551-03				
Facility Status: Case Awaiting Assignment				
Facility Status: Assigned to a Program				
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern				
COUNTY OF MERCER DEP	300 SCOTCH ROAD	ENE 1/4 - 1/2 (0.454 mi.)	U100	369
Case Id: 93-10-22-1551				
Facility Status: Assigned to a Program				

State and tribal registered storage tank lists

NJ UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection & Energy's UST Data.

A review of the NJ UST list, as provided by EDR, and dated 10/17/2018 has revealed that there are 7 NJ UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D&R CANAL FIELD OFFI Facility Id: 024450 Tank Status: In-use	770 BEAR TAVERN RD	WSW 1/8 - 1/4 (0.182 mi.)	E42	108
DEPARTMENT OF CORR A Facility Id: 015978 Tank Status: Removed Tank Status: Emergency backup generator tank Tank Status: Abandoned in Place Tank Status: Exempt	1400 STUYVESANT AVE	WSW 1/8 - 1/4 (0.207 mi.)	F45	112
JONES FARM BARRACKS Facility Id: 015988 Tank Status: Removed	BEAR TAVERN RD	WSW 1/8 - 1/4 (0.207 mi.)	F46	114
RONSON AVIATION INC	SCOTCH RD	NE 1/8 - 1/4 (0.214 mi.)	G47	115

EXECUTIVE SUMMARY

Facility Id: 005371
 Tank Status: Removed
 Tank Status: Abandoned in Place

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL & MARINE CORPS Facility Id: 018708 Tank Status: Removed	MERCER COUNTY AIRPOR	0 - 1/8 (0.000 mi.)	B29	59
MERCER ARMORY & OMS Facility Id: 000671 Tank Status: Removed Tank Status: In-use	MERCER COUNTY AIRPOR	0 - 1/8 (0.000 mi.)	C33	68
JOHNSON & JOHNSON AV Facility Id: 002269 Tank Status: Removed	MERCER COUNTY A P SC	0 - 1/8 (0.000 mi.)	C34	71

State and tribal institutional control / engineering control registries

NJ ENG CONTROLS: Legal Document that restricts the use of contaminated property; holds owner(s) to the regulatory/statutory requirements for cleanup.

A review of the NJ ENG CONTROLS list, as provided by EDR, and dated 08/07/2018 has revealed that there is 1 NJ ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CE Site ID: 15829	1440 PARKWAY AVE	SSE 1/4 - 1/2 (0.315 mi.)	I57	167

NJ INST CONTROL: Sites where engineering and/or institutional controls remain in place as part of a remedial action to address soil and/or groundwater contamination. These restrictions ensure protection of human health and the environment as long as they are maintained.

A review of the NJ INST CONTROL list, as provided by EDR, and dated 08/07/2018 has revealed that there are 5 NJ INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROSS TRENTON @ MERCE Facility Id: 6590	4 PITCAIRN RD	NE 1/4 - 1/2 (0.379 mi.)	N73	250
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCER CNTY AIRPORT Facility Id: 89319	SCOTCH RD	0 - 1/8 (0.000 mi.)	28	52
53 GRAND AVENUE WEST Facility Id: 6642	53 GRAND AVE	S 1/4 - 1/2 (0.252 mi.)	H49	124
LUKOIL #57324 Facility Id: 6611	577 GRAND AVE	S 1/4 - 1/2 (0.282 mi.)	H55	160
NAVAL AIR WARFARE CE	1440 PARKWAY AVE	SSE 1/4 - 1/2 (0.315 mi.)	I57	167

EXECUTIVE SUMMARY

Facility Id: 15829

State and tribal voluntary cleanup sites

NJ VCP: Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

A review of the NJ VCP list, as provided by EDR, and dated 01/12/2018 has revealed that there are 6 NJ VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CE Incident Number: 03-02-03-0949-15	1440 PARKWAY AVE	SSE 1/4 - 1/2 (0.315 mi.)	I57	167
37 SUNSET AVENUE Incident Number: 05-10-20-1222-08	37 SUNSET AVE	SSW 1/4 - 1/2 (0.316 mi.)	60	221
6 MICHELLE COURT Incident Number: 03-09-23-1034-30	6 MICHELLE CT	SSE 1/4 - 1/2 (0.350 mi.)	K63	225
555 WALKER AVENUE Incident Number: 00-03-14-1152-51	555 WALKER AVE	S 1/4 - 1/2 (0.374 mi.)	M71	235
146 SUMMIT AVENUE Incident Number: 01-03-15-1323-57	146 SUMMIT AVE	S 1/4 - 1/2 (0.402 mi.)	79	258
GENERAL MOTORS CORP Incident Number: 95-02-22-1407-48	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R84	271

State and tribal Brownfields sites

NJ BROWNFIELDS: Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable cleanup criteria.

A review of the NJ BROWNFIELDS list, as provided by EDR, and dated 11/16/2018 has revealed that there are 6 NJ BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RONSON AVIATION INC PStatus: No Longer Brownfield	SCOTCH RD	NE 1/8 - 1/4 (0.214 mi.)	G47	115
JOHNSON & JOHNSON PStatus: No Longer Brownfield	MERCER CNTY AIRPORT	NE 1/4 - 1/2 (0.451 mi.)	90	340
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL AIR WARFARE CE PStatus: No Longer Brownfield	1440 PARKWAY AVE	SSE 1/4 - 1/2 (0.315 mi.)	I57	167
FORMER NAVAL PROPULS PStatus: No Longer Brownfield	1460 PARKWAY AVE	SE 1/4 - 1/2 (0.341 mi.)	J62	223
GENERAL MOTORS CORP	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R84	271

EXECUTIVE SUMMARY

PStatus: No Longer Brownfield

MERCER CNTY AIRPORT

PStatus: No Longer Brownfield

MERCER COUNTY AIRPOR ENE 1/4 - 1/2 (0.454 mi.) U98 347

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
R C A FLIGHT OPERATI EPA ID:: NJD087111605	MERCER COUNTY AIRPOR	0 - 1/8 (0.000 mi.)	C31	61
MERCER ARMORY/OMS EPA ID:: NJD980790836	SCOTCH RD	S 0 - 1/8 (0.044 mi.)	35	89
TEDCO INC DBA MINUTE EPA ID:: NJ0000063396	199 SCOTCH RD	ESE 0 - 1/8 (0.124 mi.)	D40	105

NJ DRYCLEANERS: A listing of registered drycleaners.

A review of the NJ DRYCLEANERS list, as provided by EDR, and dated 11/05/2018 has revealed that there is 1 NJ DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCOTCH ROAD CLEANERS Facility Id: L6079	184 SCOTCH RD	ESE 0 - 1/8 (0.121 mi.)	D37	99

NJ ISRA: The ISRA process begins with determining if the Act applies to your type of business and transaction. The provisions of ISRA only apply to industrial establishments. What is an industrial establishment? The term "industrial establishment" refers to the type of business operations and transactions that would subject a facility to review under ISRA. An industrial establishment must meet each of the following three criteria: The place of business or real property at which such business is conducted, having a North American Industry Classification System (NAICS) code listed in N.J.A.C. 7:26 B - Appendix C subject to the specified exceptions and limitations. The place of business must have been engaged in operations on or after December 31, 1983; and The place of business must involve the generation, manufacture, refining, transportation, treatment, storage, handling, or disposal of hazardous substances or hazardous wastes.

A review of the NJ ISRA list, as provided by EDR, and dated 10/10/2018 has revealed that there are 8

EXECUTIVE SUMMARY

NJ ISRA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CREST ULTRASONICS CO Pi Number: 450101 Case Status: Assigned to Program Case Status: Withdrawn from ECRA/ISRA	SCOTCH RD	NE 1/4 - 1/2 (0.338 mi.)	61	222
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TBM CORPORATION Pi Number: G000014663 Case Status: NFA (No Further Action) HISTORIC	199 SCOTCH ROAD	ESE 0 - 1/8 (0.124 mi.)	D41	108
CALDWELL SUPPLY COMP Pi Number: G000002454 Case Status: NFA (No Further Action) HISTORIC	1515 PARKWAY AVENUE	SSE 1/4 - 1/2 (0.363 mi.)	L66	232
OMNI GRAPHICS Pi Number: G000013921 Case Status: NFA (No Further Action) HISTORIC	1505 PARKWAY AVENUE	SSE 1/4 - 1/2 (0.365 mi.)	67	232
REDPOINT BIO CORP Pi Number: G000040257 Case Status: NFA-E (Entire Site) HISTORIC Case Status: Assigned to Program Case Status: NFA-E (Unrestricted Use)	7 GRAPHICS DR	E 1/4 - 1/2 (0.414 mi.)	80	259
RIEDEL PRINTING CO Pi Number: 191963 Case Status: NFA-E (Unrestricted Use) Case Status: Assigned to Program	1 GRAPHICS DR	E 1/4 - 1/2 (0.433 mi.)	81	261
CLARK GRAFICOLOR COR Pi Number: G000006504 Case Status: Assigned to Program Case Status: NFA-E (Unrestricted Use) Case Status: NFA (No Further Action) HISTORIC	200 UPPER FERRY ROAD	E 1/4 - 1/2 (0.437 mi.)	Q83	270
DELPHI INTERIOR & LI Pi Number: 011336 Case Status: Assigned to Program Case Status: LSRP Oversight	1445 PARKWAY AVE	SE 1/4 - 1/2 (0.441 mi.)	R85	297

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 3 NJ MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHNSON & JOHNSON AV EPA Id: NJD043965110	MERCER COUNTY A P SC	0 - 1/8 (0.000 mi.)	C34	71
MERCER ARMORY/OMS EPA Id: NJD980790836	SCOTCH RD	S 0 - 1/8 (0.044 mi.)	35	89
SCOTCH ROAD CLEANERS EPA Id: NJD986605392	184 SCOTCH RD	ESE 0 - 1/8 (0.121 mi.)	D39	101

EXECUTIVE SUMMARY

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 3 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USCG - NAVY MARINE R EPA ID: NJ4170022400	SCOTCH RD MERCER COU	0 - 1/8 (0.000 mi.)	C32	63
MERCER ARMORY/OMS EPA ID: NJD980790836	SCOTCH RD	S 0 - 1/8 (0.044 mi.)	35	89
TEDCO INC DBA MINUTE EPA ID: NJ0000063396	199 SCOTCH RD	ESE 0 - 1/8 (0.124 mi.)	D40	105

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCK SHARP & DOHME Generator EPA Id: NJN986633113	100 SAM WEINROTH ROA	0 - 1/8 (0.000 mi.)	27	51

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

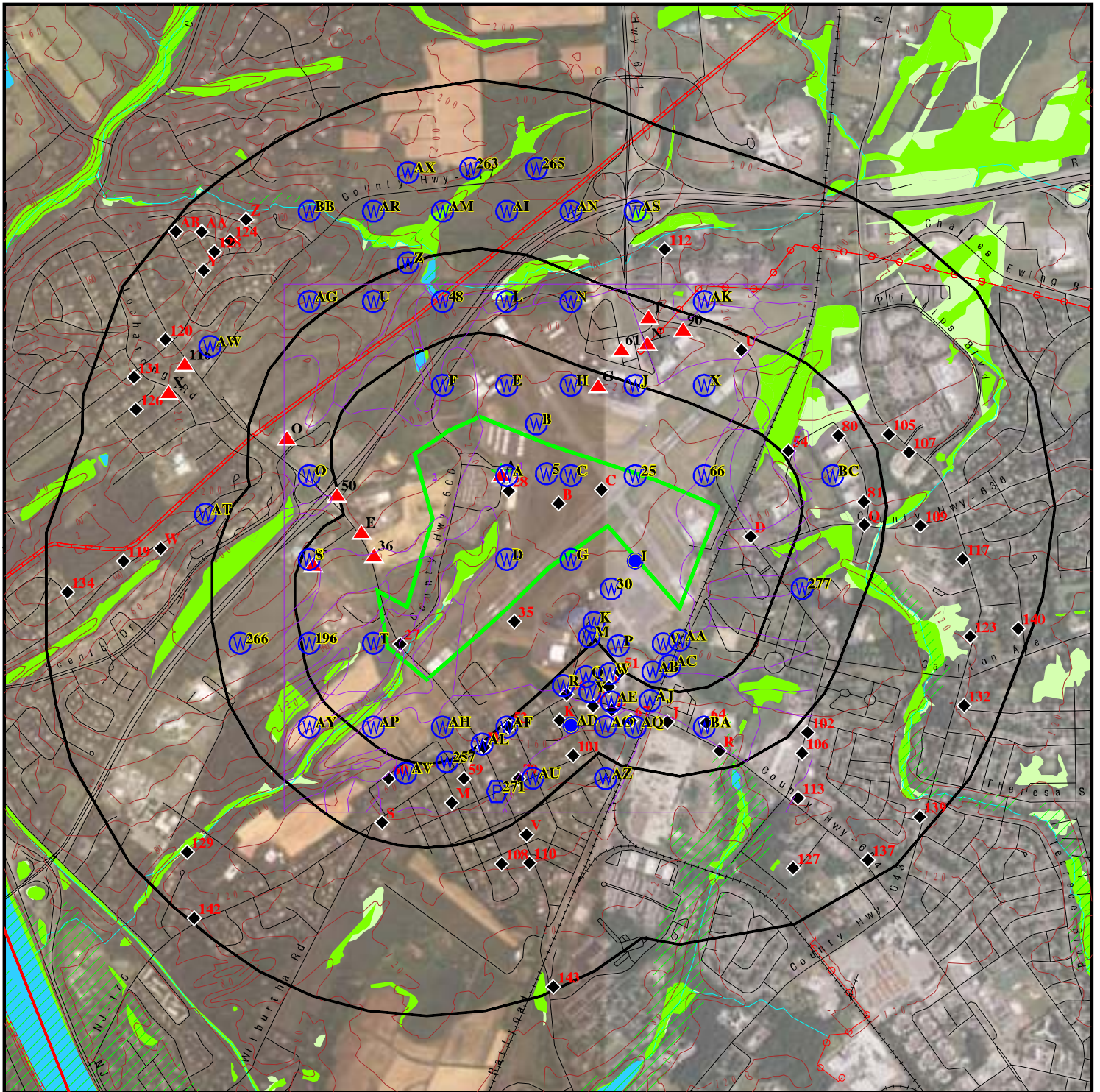
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCOTCH ROAD CLEANERS	184 SCOTCH RD	ESE 0 - 1/8 (0.121 mi.)	D38	100

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 21 records.

<u>Site Name</u>	<u>Database(s)</u>
54 WINDYBUSH WAY	NJ SHWS, NJ VCP, NJ NJEMS
23 WINDYBUSH WAY	NJ SHWS, NJ NJEMS
RONSON AVIATION	NJ VCP
29 WASHINGTON CROSSING ROAD	NJ VCP
SCOTCH ROAD	NJ VCP
418 WASHINGTON CROSSING/PENNINGTON	NJ VCP
FAA TTN RTR	RCRA NonGen / NLR
MOBIL STATION	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
	NJ Release
JONES FARM	FINDS, ECHO
EXECUTIVE JETPORT	
FAA TTN RTR	

OVERVIEW MAP - 5594699.2S



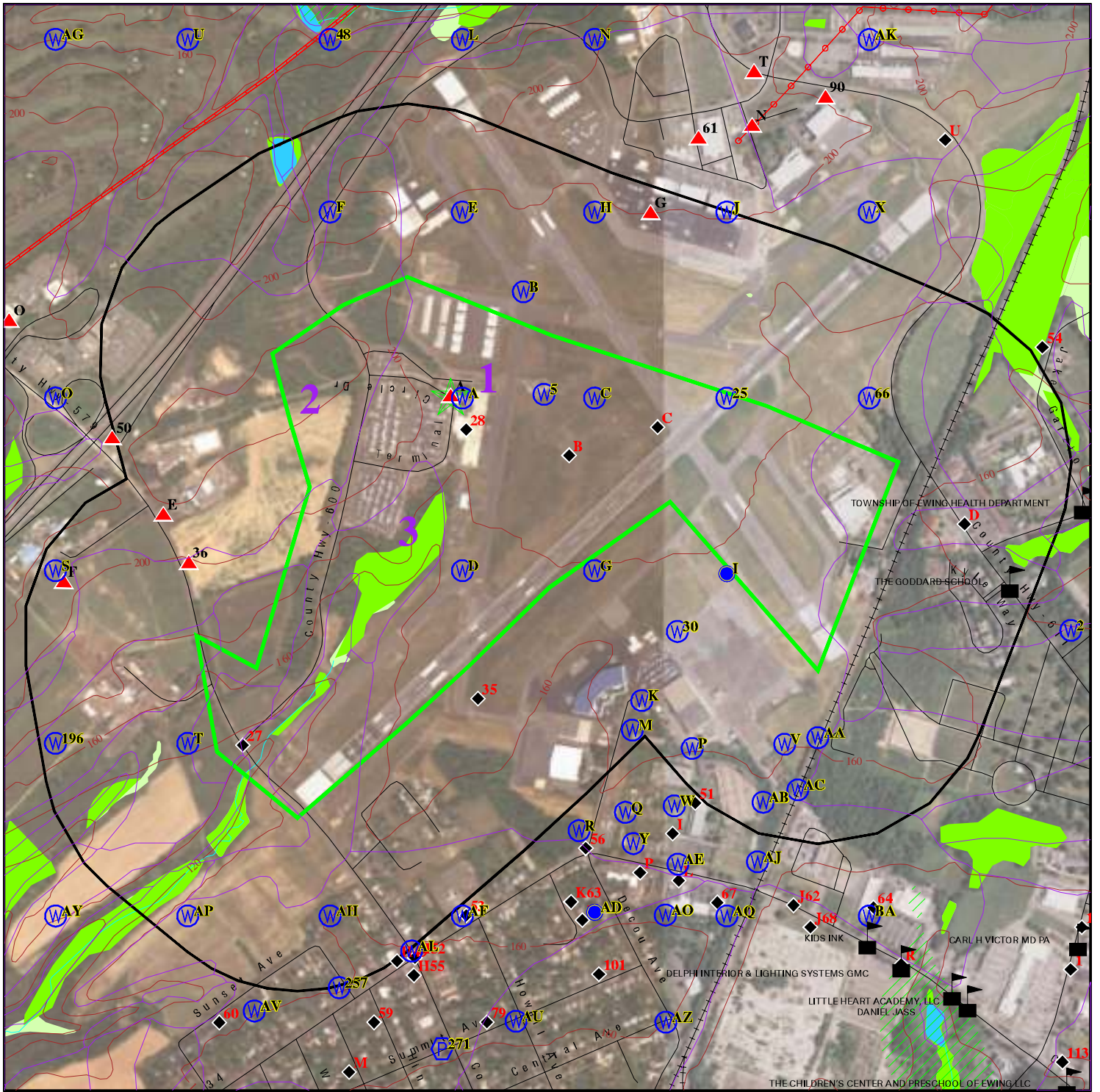
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: TTN
 ADDRESS: 1100 Terminal Circle Drive
 Trenton NJ 08628
 LAT/LONG: 40.277666 / 74.818263

CLIENT: Urban Engineers, Inc.
 CONTACT: Jennifer Waters
 INQUIRY #: 5594699.2s
 DATE: March 19, 2019 4:24 pm

DETAIL MAP - 5594699.2S



- Target Property**

 - Sites at elevations higher than or equal to the target property
 - Sites at elevations lower than the target property
 - Manufactured Gas Plants
 - Sensitive Receptors
 - National Priority List Sites
 - Dept. Defense Sites
 - Indian Reservations BIA
 - Power transmission lines
 - Pipelines
 - 100-year flood zone
 - 500-year flood zone
 - National Wetland Inventory
 - State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: TTN
ADDRESS: 1100 Terminal Circle Drive
Trenton NJ 08628
LAT/LONG: 40.277666 / 74.818263

CLIENT: Urban Engineers, Inc.
CONTACT: Jennifer Waters
INQUIRY #: 5594699.2s
DATE: March 19, 2019 4:25 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	2	0	NR	2
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	2	NR	NR	2
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	3	0	NR	NR	NR	4
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NJ SHWS	1.000		2	1	20	42	NR	65
NJ HWS RE-EVAL	1.000		0	0	0	0	NR	0
NJ HIST HWS	TP		NR	NR	NR	NR	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NJ SWF/LF	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
NJ LUST	0.500		0	0	8	NR	NR	8
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ HIST LUST	0.500		1	3	15	NR	NR	19
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NJ UST	0.250		3	4	NR	NR	NR	7
NJ MAJOR FACILITIES	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NJ ENG CONTROLS	0.500		0	0	1	NR	NR	1
NJ INST CONTROL	0.500		1	0	4	NR	NR	5
State and tribal voluntary cleanup sites								
NJ VCP	0.500		0	0	6	NR	NR	6
INDIAN VCP	0.500		0	0	0	NR	NR	0
NJ PF	1.000		0	0	0	0	NR	0
State and tribal Brownfields sites								
NJ BROWNFIELDS	0.500		0	1	5	NR	NR	6
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NJ HIST LF	0.500		0	0	0	NR	NR	0
NJ SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
NJ NJEMS	TP	1	NR	NR	NR	NR	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NJ LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NJ SPILLS	TP	14	NR	NR	NR	NR	NR	14
NJ Release	TP	2	NR	NR	NR	NR	NR	2
NJ SPILLS 90	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	0	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	5	NR	NR	NR	NR	NR	5
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	4	NR	NR	NR	NR	NR	4
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NJ AIRS	TP		NR	NR	NR	NR	NR	0
NJ CHROME	0.500		0	0	0	NR	NR	0
NJ COAL ASH	0.500		0	0	0	NR	NR	0
NJ DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NJ Financial Assurance	TP		NR	NR	NR	NR	NR	0
NJ GW CONTAM AREAS	TP		NR	NR	NR	NR	NR	0
NJ HIST MAJOR FACILITIES	0.500		0	0	0	NR	NR	0
NJ ISRA	0.500		1	0	7	NR	NR	8
NJ MANIFEST	0.250	1	3	0	NR	NR	NR	4
NY MANIFEST	0.250		3	0	NR	NR	NR	3
PA MANIFEST	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NJ NPDES	TP	2	NR	NR	NR	NR	NR	2
NJ UIC	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
NJ RGA HWS	TP		NR	NR	NR	NR	NR	0
NJ RGA LF	TP		NR	NR	NR	NR	NR	0
NJ RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		30	23	9	73	42	0	177

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property
REHAB.OF T/WS "H", "B" AND "F" - FAA PH. II
1100 TERMINAL CIRCLE DRIVE
EWING, NJ 08628

NJ NPDES
S118868392
N/A

Site 1 of 26 in cluster A

Actual:
196 ft.

NJPDES:
NJPDES Permit Number: NJG0256536
Facility Telephone: Not reported
Facility Contact: Not reported
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: 5G3
Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 405729
Site X Coordinate: 527084
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Construction Activity Stormwater (GP)
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported
Date Final Permit Effective: 03/01/2017
Date Final Permit Expires: 02/28/2022
PI Number: 730794
Regional Office: Central
Permit Category: Not reported

A2
Target
Property
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

NJ SPILLS
S118703088
N/A

Site 2 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 589998
Case Number: 16-02-20-1454-54
Notify Type: Not reported
Date Received: 02/20/2016
Location: Not reported
Other Location: Not reported
Incident Date: 02/20/2016
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON MERCER AIRPORT
Facility Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S118703088

Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S118703088

Local Municipality Phone: Not reported
Local Municipality Date: Not reported
Local Municipality Time: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Phone: Not reported
Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 02/20/2016
Reporter Title: REDACTED
Reporter Orgzn: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A3

Target 1100 TERMINAL CIRCLE DRIVE
Property EWING TWP, NJ 08628

NJ SPILLS S120687415
N/A

Site 3 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 626991
Case Number: 16-12-28-1613-08
Notify Type: Not reported
Date Received: 12/28/2016
Location: Not reported
Other Location: Not reported
Incident Date: 12/28/2916
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON-MERCER AIRPORT
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687415

Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687415

Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Phone: Not reported
Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 12/28/2016
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A4

Target
Property

1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

NJ SPILLS

S120687881
N/A

Site 4 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 632507
Case Number: 17-03-04-0620-18
Notify Type: Not reported
Date Received: 03/04/2017
Location: Not reported
Other Location: Not reported
Incident Date: 03/04/2017
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: MERCER COUNTY AIRPORT
Facility Type: Commercial
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687881

Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687881

Incident Phone: Not reported
Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 03/04/2017
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNK
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A5

Target
Property

1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

NJ SPILLS

S120688018
N/A

Site 5 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 634239
Case Number: 17-03-26-1106-57
Notify Type: Not reported
Date Received: 03/26/2017
Location: Not reported
Other Location: Not reported
Incident Date: 03/26/2017
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON MERCER AIRPORT
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120688018

Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120688018

Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 03/26/2017
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A6
Target
Property

1100 TERMINAL CIRCLE DR
TRENTON CITY, NJ 08608

NJ SPILLS S120687945
N/A

Site 6 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 633178
Case Number: 17-03-11-1722-10
Notify Type: Not reported
Date Received: 03/11/2017
Location: Not reported
Other Location: Not reported
Incident Date: 03/11/2017
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: FRONTIER
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687945

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120687945

Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 03/11/2017
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A7 **TRANSPORTATION SECURITY ADMN**
Target **1100 TERMINAL CIRCLE DR**
Property **TRENTON, NJ 08628**

NJ NJEMS **S108170540**
NJ Release **N/A**
NJ SPILLS
NJ MANIFEST
NJ NPDES

Site 7 of 26 in cluster A

Actual:
196 ft.

NJEMS:
Site Id: 385277
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 405729
Y Coord: 527084
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Other/Unknown
Coord Orign: Submittal Document
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105240
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105240020
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Shabakunk Creek WB
Watershed Name From Spatial Overlay: Assunpink Creek (below Shipetaukin Ck)

NJ Release:

Facility Type: Commercial
Facility Phone: Not reported
Incident Date: 06/06/2018
Incident Time: Not reported
Trenton Dispatch Log Number: 678484
Case Number: 18-06-06-1741-14
Date Received: 06/06/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Improper Application
Incident Location:	TRENTON MERCER AIRPORT; EAST END RAMP
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	06/06/2018
Reporter Type:	Citizen Complaint
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	UNKNOWN
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	NJ
Incident County:	Not reported
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	645784
Case Number:	17-07-09-1159-05
Notify Type:	Not reported
Date Received:	07/09/2017
Location:	Not reported
Other Location:	Not reported
Incident Date:	07/09/2017
Incident Time:	Not reported
A310 Letter:	Not reported
Ref. Code:	Not reported
COMU:	Not reported
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	TRENTON MERCER AIRPORT, AT THE SIGNATURE AVIATION RAMP
Facility Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Local Municipality Phone: Not reported
Local Municipality Date: Not reported
Local Municipality Time: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Phone: Not reported
Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Other
Rep Received Date: 07/09/2017
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: TRENTON MERCER AIRPORT
Incident Address: 1100 TERMINAL CIRCLE DRIVE
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported

NJ MANIFEST:

EPA Id: NJR986635969
Mail Address: 1600 TERMINAL CIRCLE DR
Mail City/State/Zip: TRENTON, NJ 08628
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: CELESTE SCHELLHAS
Comments: Not reported
SIC Code: Not reported
County: NJ021
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 008755806FLE
EPA ID: NJR986635969
Date Shipped: 1/14/2016
TSDF EPA ID: ARD069748192
Transporter EPA ID: MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: TRENTON, NJ 08628
Reason Load Was Rejected: Not reported

EPA Id: NJX000341347
Mail Address: 1600 TERMINAL CIRCLE DR
Mail City/State/Zip: TRENTON 08628
Facility Phone: 6098823500
Emergency Phone: Not reported
Contact: RON FACCIPONTI
Comments: Not reported
SIC Code: Not reported
County: 11
Municipal: 11
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 001867675FLE
EPA ID: NJX000341347

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Date Shipped: 02/01/2008
TSDF EPA ID: ARD069748192
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: OHD009865825
Transporter 3 EPA ID: ALD067138891
Transporter 4 EPA ID: MAD039322250
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/01/2008
Date Trans2 Transported Waste: 02/01/2008
Date Trans3 Transported Waste: 02/07/2008
Date Trans4 Transported Waste: 02/08/2008
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/10/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: TRENTON 08628
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D001
Hand Code: H040
Quantity: 50 P

Manifest Number: NJA5317859
EPA ID: NJX000341347
Date Shipped: 08/04/2006
TSDF EPA ID: NCD000648451
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: OHD009865825
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/04/2006
Date Trans2 Transported Waste: 08/09/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 08/15/2006
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 09180625
Was Load Rejected: TRENTON 08628
Reason Load Was Rejected: Not reported

NJPDES:

NJPDES Permit Number: NJG0266612
Facility Telephone: Not reported
Facility Contact: Not reported
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: 5G3
Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 405729
Site X Coordinate: 527084
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Construction Activity Stormwater (GP)
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Date Final Permit Effective:	04/05/2017
Date Final Permit Expires:	02/28/2022
PI Number:	751243
Regional Office:	Central
Permit Category:	Not reported
NJPDES Permit Number:	NJG0273805
Facility Telephone:	Not reported
Facility Contact:	Not reported
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	5G3
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	405729
Site X Coordinate:	527084
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported
Permittee Address:	Not reported
Permittee PO Box:	Not reported
Permittee City,St,Zip:	Not reported
Category Description:	Construction Activity Stormwater (GP)
Date Permit Application Received:	Not reported
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	10/13/2017
Date Final Permit Expires:	02/28/2022
PI Number:	764431
Regional Office:	Central
Permit Category:	Not reported
NJPDES Permit Number:	NJG0276626
Facility Telephone:	Not reported
Facility Contact:	Not reported
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	5G3
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	405729
Site X Coordinate:	527084
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported
Permittee Address:	Not reported
Permittee PO Box:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

S108170540

Permittee City,St,Zip: Not reported
Category Description: Construction Activity Stormwater (GP)
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported
Date Final Permit Effective: 01/17/2018
Date Final Permit Expires: 02/28/2022
PI Number: 770009
Regional Office: Central
Permit Category: Not reported

A8

**Target
Property**

**1100 TERMINAL CIR DR
EWING TWP, NJ 08628**

NJ SPILLS

**S122385907
N/A**

Site 8 of 26 in cluster A

**Actual:
196 ft.**

NJ SPILL:
Trenton Dispatch Log Number: 670791
Case Number: 18-03-30-1010-18
Notify Type: Not reported
Date Received: 03/30/2018
Location: Not reported
Other Location: Not reported
Incident Date: 03/30/2018
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON MERCER AIRPORT
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Phone: Not reported
Injuries: No
Public Exposure: No
Road Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385907

Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	REDACTED
Reporter Type:	Other
Rep Received Date:	03/30/2018
Reporter Title:	REDACTED
Reporter Orgzn:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Spill
Incident Status:	Terminated
Incident Category:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385907

Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A9
Target REHAB.OF T/WS H , B AND F - FAA PH. II
Property 1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

FINDS 1024223223
N/A

Site 9 of 26 in cluster A

Actual:
196 ft.

FINDS:

Registry ID: 110070218652

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A10
Target 1100 TERMINAL CIRCLE DR
Property EWING TWP, NJ 08628

NJ Release S108397321
N/A

Site 10 of 26 in cluster A

Actual:
196 ft.

NJ Release:

Facility Type: Commercial
Facility Phone: Not reported
Incident Date: 10/21/2013
Incident Time: Not reported
Trenton Dispatch Log Number: 497084
Case Number: 13-10-21-1219-38
Date Received: 10/21/2013
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Air Release
Incident Location: IN THE AREA OF
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108397321

Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	10/21/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108397321

Reporter Type:	Facility Rep.
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Continuous
Incident Category:	Other
Incident Source:	UNKNOWN
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	NJ
Incident County:	Not reported
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Incident Date:	09/26/2013
Incident Time:	Not reported
Trenton Dispatch Log Number:	493694
Case Number:	13-09-26-1347-52
Date Received:	09/26/2013
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Air Release
Incident Location:	TRENTON MERCER AIROIRT
Location:	Not reported
Other Location:	Not reported
Contact Name:	MICHAEL RICE
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108397321

COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Yes
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	09/26/2013
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Continuous
Incident Category:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108397321

Incident Source: WATERS & BUGBEE
Incident Address: 75 SOUTH GOLD DR
Incident Address 2: Not reported
Incident City,St,Zip: Hamilton Twp, NJ
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

A11
Target
Property

1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

NJ SPILLS S122385962
N/A

Site 11 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 671338
Case Number: 18-04-05-1552-47
Notify Type: Not reported
Date Received: 04/05/2018
Location: Not reported
Other Location: Not reported
Incident Date: 04/05/2018
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TERMINAL
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385962

NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385962

Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 04/05/2018
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A12
Target
Property

REHAB. T/WS H , B & F - NJDOT PH. III
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

FINDS **1024226119**
N/A

Site 12 of 26 in cluster A

Actual:
196 ft.

FINDS:

Registry ID: 110070221855

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A13
Target
Property

US TRANSPORTATION SECURITY ADMN @ MERCER CNTY AIRP
1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

FINDS **1010217044**
N/A

Site 13 of 26 in cluster A

Actual:
196 ft.

FINDS:

Registry ID: 110029333326

Environmental Interest/Information System

NJ-NJEMS (New Jersey - New Jersey Environmental Management System).
The Department of Environmental Protection (NJDEP) manages large

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US TRANSPORTATION SECURITY ADMN @ MERCER CNTY AIRPORT (Continued)

1010217044

databases of environmental information in this integrated system.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A14
Target REHAB. T/WS H , B & F - NJDOT PH. III
Property 1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

ECHO 1024129783
N/A

Site 14 of 26 in cluster A

Actual:
196 ft.

ECHO:
Envid: 1024129783
Registry ID: 110070221855
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070221855>

A15
Target 1100 TERMINAL CIRCLE DRIVE
Property EWING TWP, NJ 08628

NJ SPILLS S122384989
N/A

Site 15 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 661373
Case Number: 17-12-07-1235-08
Notify Type: Not reported
Date Received: 12/07/2017
Location: Not reported
Other Location: Not reported
Incident Date: 12/07/2017
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON MERCER AIRPORT RUNWAY
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazardous Material: Not reported
Amount Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122384989

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	REDACTED
Reporter Type:	Municipal Rep.
Rep Received Date:	12/07/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122384989

Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A16
Target
Property

TRENTON MERCER AIRPORT - RUNWAYS 6-24 REHABIL
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

ECHO **1024123829**
N/A

Site 16 of 26 in cluster A

Actual:
196 ft.

ECHO:
Envid: 1024123829
Registry ID: 110070215703
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070215703>

A17
Target
Property

1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

NJ SPILLS **S116216076**
N/A

Site 17 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 481665
Case Number: 13-07-08-1031-04
Notify Type: Not reported
Date Received: 07/08/2013
Location: Not reported
Other Location: Not reported
Incident Date: 07/08/2013
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: MERCER COUNTY AIRPORT
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116216076

Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116216076

Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 07/08/2013
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A18
Target
Property

1100 TERMINAL CIRCL DR
EWING TWP, NJ 08628

NJ SPILLS S116215675
N/A

Site 18 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 475352
Case Number: 13-05-29-1304-51
Notify Type: Not reported
Date Received: 05/29/2013
Location: Not reported
Other Location: Not reported
Incident Date: 05/29/2013
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON-MERCER AIRPORT
Facility Type: Commercial
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116215675

Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116215675

Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 05/29/2013
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A19
Target
Property

1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

NJ SPILLS S116208124
N/A

Site 19 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 386474
Case Number: 11-05-12-1717-53
Notify Type: Not reported
Date Received: 05/12/2011
Location: Not reported
Other Location: Not reported
Incident Date: 05/11/2011
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON-MERCER AIRPORT AT
Facility Type: Commercial
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116208124

NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S116208124

Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 05/12/2011
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A20
Target
Property

REHAB.OF T/WS H , B AND F - FAA PH. II
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

ECHO **1024126682**
N/A

Site 20 of 26 in cluster A

Actual:
196 ft.

ECHO:
Envid: 1024126682
Registry ID: 110070218652
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070218652>

A21
Target
Property

TRENTON MERCER AIRPORT - TAXIWAY IMPROVEMENTS
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

FINDS **1024219757**
N/A

Site 21 of 26 in cluster A

Actual:
196 ft.

FINDS:
Registry ID: 110070214787

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A22 **TRENTON MERCER AIRPORT - TAXIWAY IMPROVEMENTS**
Target **1100 TERMINAL CIRCLE DRIVE**
Property **EWING TWP, NJ 08628**

ECHO **1024122937**
N/A

Site 22 of 26 in cluster A

Actual:
196 ft.

ECHO:
Envid: 1024122937
Registry ID: 110070214787
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070214787>

A23 **TRANSPORTATION SECURITY ADMN**
Target **1100 TERMINAL CIRCLE DR**
Property **TRENTON, NJ 08628**

RCRA-CESQG **1016142712**
NJR986635969

Site 23 of 26 in cluster A

Actual:
196 ft.

RCRA-CESQG:
Date form received by agency: 02/22/2013
Facility name: TRANSPORTATION SECURITY ADMN
Facility address: 1100 TERMINAL CIRCLE DR
TRENTON, NJ 08628
EPA ID: NJR986635969
Mailing address: 1600 TERMINAL CIRCLE DR
TRENTON, NJ 08628
Contact: CELESTE SCHELLHAS
Contact address: 640 SO BROAD ST
TRENTON, NJ 08650
Contact country: US
Contact telephone: 609-569-7706
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: COUNTY OF MERCER
Owner/operator address: 640 SO BROAD ST
TRENTON, NJ 08650
Owner/operator country: US
Owner/operator telephone: 609-569-7706
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

1016142712

Owner/Op start date: 01/01/1929
Owner/Op end date: Not reported

Owner/operator name: COUNTY OF MERCER
Owner/operator address: 640 SO BROAD ST
TRENTON, NJ 08650
Owner/operator country: US
Owner/operator telephone: 609-569-7706
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/14/2013
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSPORTATION SECURITY ADMN (Continued)

1016142712

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U080
. Waste name: METHANE, DICHLORO-

Violation Status: No violations found

A24
Target
Property

1100 TERMINAL CIRCLE DR
EWING TWP, NJ 08628

NJ SPILLS S122385492
N/A

Site 24 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:
Trenton Dispatch Log Number: 666894
Case Number: 18-02-15-2055-42
Notify Type: Not reported
Date Received: 02/15/2018
Location: Not reported
Other Location: Not reported
Incident Date: 02/15/2018
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: TRENTON MERCER AIRPORT
Facility Type: Other
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385492

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	REDACTED
Reporter Type:	Municipal Rep.
Rep Received Date:	02/15/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385492

Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: STATION 34
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

A25
Target
Property

TRENTON MERCER AIRPORT - RUNWAYS 6-24 REHABIL
1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

FINDS **1024220578**
N/A

Site 25 of 26 in cluster A

Actual:
196 ft.

FINDS:

Registry ID: 110070215703

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A26
Target
Property

1100 TERMINAL CIRCLE DRIVE
EWING TWP, NJ 08628

NJ SPILLS **S122385222**
N/A

Site 26 of 26 in cluster A

Actual:
196 ft.

NJ SPILL:

Trenton Dispatch Log Number: 664051
Case Number: 18-01-15-1707-47
Notify Type: Not reported
Date Received: 01/15/2018
Location: Not reported
Other Location: Not reported
Incident Date: 01/15/2018
Incident Time: Not reported
A310 Letter: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385222

Ref. Code:	Not reported
COMU:	Not reported
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	TRENTON-MERCER AIRPORT TARMAC
Facility Type:	Other
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S122385222

Responsible Party Zip: Not reported
Responsible City,St,Zip: Not reported
Responsible Party County: Not reported
Local Municipality: Not reported
Local Municipality Name: Not reported
Local Municipality Title: Not reported
Local Municipality Phone: Not reported
Local Municipality Date: Not reported
Local Municipality Time: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Phone: Not reported
Incident Date: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: REDACTED
Reporter Type: Municipal Rep.
Rep Received Date: 01/15/2018
Reporter Title: REDACTED
Reporter Orgzn: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Spill
Incident Status: Terminated
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: NJ
Incident County: Not reported
DEP Requested: No
Confidential: Not reported

27

MERCK SHARP & DOHME CORP.
100 SAM WEINROTH ROAD
EWING, NJ 08628

PA MANIFEST

S116738103

N/A

< 1/8
1 ft.

Relative:
Lower

Actual:
130 ft.

Manifest Details:

Year: 2013
Manifest Number: 011125440JJK
Manifest Type: TSD Copy
Generator EPA Id: NJN986633113
Generator Date: 04/25/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK SHARP & DOHME CORP. (Continued)

S116738103

TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 4
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

28
MERCER CNTY AIRPORT
SCOTCH RD
< 1/8
EWING TWP, NJ 08638
1 ft.

NJ SHWS **S104418528**
NJ INST CONTROL **N/A**
NJ NJEMS
NJ Release
NJ SPILLS

Relative: SHWS:
Lower Site ID: 89319
Status: Active
Actual: Home Owner: No
193 ft. PI Number: 026125

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ INSTITUTIONAL CONTROL:
Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Benzene
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Benzene
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

CEA Description (SI): Benzene
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Methyl tert-butyl ether
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Methyl tert-butyl ether
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Methyl tert-butyl ether
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Naphthalene
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Naphthalene
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Naphthalene
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Individual]
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Individual]
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Individual]
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Xylenes (total)
CEA Case Track #: 27382
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Xylenes (total)
CEA Case Track #: 27383
CEA Duration: 11.50
Intermediate Durations: No

Facility ID: 89319
Date Established (SI): 11/06/1997
Date Closed/Lifted (SI): Not reported
PI Number: 026125
PI Name: MERCER CNTY AIRPORT
CEA Description (SI): Xylenes (total)
CEA Case Track #: Not reported
CEA Duration: 11.50
Intermediate Durations: No

NJEMS:

Site Id: 89319
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 403449.64000000001
Y Coord: 525953.72999999998
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Digital Image
Coord Origin: DEP-Program
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type:	Other
Facility Phone:	Not reported
Incident Date:	10/16/2002
Incident Time:	Not reported
Trenton Dispatch Log Number:	36944
Case Number:	02-10-16-1450-18
Date Received:	10/16/2002
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Aircraft Accident
Incident Location:	MERCER CNTY AIRPORT
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	10/16/2002
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Continuous
Incident Category:	Other
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Yes
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	8971
Case Number:	94-5-24-1620-11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Notify Type:	Not reported
Date Received:	05/24/1994
Location:	Facility
Other Location:	Not reported
Incident Date:	05/23/1994
Incident Time:	1400
A310 Letter:	Yes
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	609-882-1600
Substance(s):	GASOLINE
Substance Type:	Known
Substance Identity:	Gas
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	UNKNOWN
Release VE:	Not reported
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill,U.S.T.
Status at Spill:	2-4,000 GAL TANKS, 1-2,000 GAL TANK REMOVED UST#0261254.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Yes
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	DIANNE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

S104418528

Responsible Party Name: MERCER CNTY AIRPORT
Responsible Party Contact: RICHARD SMITH
Responsible Party Title: CH SECURITY
Responsible Party Telephone: 609-882-1600
Responsible Party Street: SCOTCH RD
Responsible Party Municipality: EWING TWP
Responsible Party State: NJ
Responsible Party Zip: Not reported
Responsible City,St,Zip: EWING TWP, NJ
Responsible Party County: MERCER
Local Municipality: Not reported
Local Municipality Name: EWING TWP
Local Municipality Title: OPR. #66
Local Municipality Phone: 609-882-1313
Local Municipality Date: 05/24/1994
Local Municipality Time: 1632
Incident Name: Not reported
Incident Referred To: DRPSR
Incident Region: BFO-CAS
Incident Phone: Faxed,Mailed
Incident Date: 05/24/1994
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

B29 NAVAL & MARINE CORPS RES CENTER
MERCER COUNTY AIRPORT
EWING TWP, NJ 08628

NJ UST U000368042
N/A

< 1/8
1 ft.

Site 1 of 2 in cluster B

Relative:
Lower

UST:
Facility ID: 018708

Actual:
186 ft.

Contact:
Owner Name: Not Identified Not Identified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL & MARINE CORPS RES CENTER (Continued)

U000368042

Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: SGT BRIAN SCHAFLE
Organization: DEPARTMENT OF THE NAVY
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): NAVAL AND MARINE CORPS RESERVE
Contact Address 2 (UST Reg): SCOTCH RD MERCER COUNTY AIRPORT
Contact City,St,Zip (UST Reg): West Trenton, NJ 086281395

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: Removed
Tank Status Date: 04/20/1994
Install Date: 01/01/1956
Tank Contents: Heating Oil (No. 2)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E2
Tank Status: Removed
Tank Status Date: 04/20/1994
Install Date: 01/01/1956
Tank Contents: Heating Oil (No. 2)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: E3
Tank Status: Removed
Tank Status Date: 04/20/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL & MARINE CORPS RES CENTER (Continued)

U000368042

Install Date: 01/01/1956
Tank Contents: Waste Oil
Tank Size: 5000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

B30

**WEST TRENTON NATIONAL GUARD AASF/OMS
SCOTCH RD
EWING, NJ**

NJ HIST LUST

**S105048772
N/A**

**< 1/8
1 ft.**

Site 2 of 2 in cluster B

**Relative:
Lower**

LUST HIST:

**Actual:
186 ft.**

Case ID: 91-04-09-1438
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
UST ID: 0006716
TMS Number: N98-0624;N98-0625
Remedial Level: Site has 1 area of concern with 1 media of concern.
Case Manager: Robert Posey
Facility Phone: (609) 777-1911
No Further Action: 4/9/2001 0:00:00
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

C31

**R C A FLIGHT OPERATIONS
MERCER COUNTY AIRPORT
TRENTON, NJ 08628**

RCRA NonGen / NLR

**1000101099
NJD087111605**

**< 1/8
1 ft.**

Site 1 of 4 in cluster C

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
187 ft.**

Date form received by agency: 01/01/2007
Facility name: R C A FLIGHT OPERATIONS
Facility address: MERCER COUNTY AIRPORT
TRENTON, NJ 08628
EPA ID: NJD087111605
Contact: Not reported
Contact address: MERCER COUNTY AIRPORT
TRENTON, NJ 08628
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R C A FLIGHT OPERATIONS (Continued)

1000101099

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: R C A FLIGHT OPERATIONS
Classification: Not a generator, verified

Date form received by agency: 02/08/1985
Site name: R C A FLIGHT OPERATIONS
Classification: Large Quantity Generator

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R C A FLIGHT OPERATIONS (Continued)

1000101099

1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: X001

. Waste name: WASTE OILS

Violation Status: No violations found

C32 **USCG - NAVY MARINE RESERVE CENTER**
SCOTCH RD MERCER COUNTRY ARPRT
WEST TRENTON, NJ 08628

RCRA-CESQG 1000544444
US AIRS NJ4170022400
NY MANIFEST

< 1/8
1 ft.

Site 2 of 4 in cluster C

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 01/01/2007

Actual:
187 ft.

Facility name: USCG - NAVY MARINE RESERVE CENTER

Facility address: SCOTCH RD MERCER COUNTRY ARPRT
WEST TRENTON, NJ 08628-1395

EPA ID: NJ4170022400

Contact: JAMES MELTON

Contact address: SCOTCH RD MERCER COUNTRY ARPRT
WEST TRENTON, NJ 08628-1395

Contact country: US

Contact telephone: 609-882-5133

Contact email: Not reported

EPA Region: 02

Land type: Federal

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USCG - NAVY MARINE RESERVE CENTER (Continued)

1000544444

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: UNITED STATES NAVY
Owner/operator address: SCOTCH RD MERCER COUNTY ARPRT
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-882-3666
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UNITED STATES NAVY
Owner/operator address: SCOTCH RD MERCER COUNTY ARPRT
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-882-3666
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USCG - NAVY MARINE RESERVE CENTER (Continued)

1000544444

Site name: USCG - NAVY MARINE RESERVE CENTER
Classification: Not a generator, verified

Date form received by agency: 11/17/1994

Site name: US MARINE CORPS
Classification: Large Quantity Generator

Date form received by agency: 03/23/1992

Site name: USCG - NAVY MARINE RESERVE CENTER
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS MINOR:

Envid: 1000544444
Region Code: 02
Programmatic ID: AIR 020000003402100012
Facility Registry ID: 110006867462
D and B Number: Not reported
Primary SIC Code: 9711
NAICS Code: 928110
Default Air Classification Code: MIN
Facility Type of Ownership Code: FDF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Envid: 1000544444
Region Code: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USCG - NAVY MARINE RESERVE CENTER (Continued)

1000544444

Programmatic ID: AIR 020000003402100012
Facility Registry ID: 110006867462
D and B Number: Not reported
Primary SIC Code: 9711
NAICS Code: 928110
Default Air Classification Code: MIN
Facility Type of Ownership Code: FDF
Air CMS Category Code: Not reported
HPV Status: Not reported

NY MANIFEST:

Country: USA
EPA ID: NJ4170022400
Facility Status: Not reported
Location Address 1: SCOTCH RD MERCER CTY AIRPORT
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: W. TRENTON
Location State: NJ
Location Zip: 08628
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NJ4170022400
Mailing Name: US MARINE CORP BATT G 3RD/14TH
Mailing Contact: MICHAEL GANGESTAD
Mailing Address 1: SCOTCH RD MERCER CTY AIRPORT
Mailing Address 2: Not reported
Mailing City: W. TRENTON
Mailing State: NJ
Mailing Zip: 08628
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6098825133

NY MANIFEST:

Document ID: NYG0474273
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: T771BDNJ
Trans2 State ID: Not reported
Generator Ship Date: 09/25/1997
Trans1 Recv Date: 09/25/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 09/26/1997
Part A Recv Date: 10/03/1997
Part B Recv Date: 10/17/1997
Generator EPA ID: NJ4170022400
Trans1 EPA ID: NJD071629976
Trans2 EPA ID: Not reported
TSD ID 1: NYD057770109
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USCG - NAVY MARINE RESERVE CENTER (Continued)

1000544444

Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00048
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00125
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C33 **MERCER ARMORY & OMS**
MERCER COUNTY AIRPORT SCOTHC RD
EWING TWP, NJ 08628

NJ UST **U000352872**
N/A

< 1/8
1 ft.

Site 3 of 4 in cluster C

Relative:
Lower

UST:
Facility ID: 000671

Actual:
187 ft.

Contact:
Owner Name: NJDMAVA CFMO-EMB
Organization: NJ Dept Military & Veterans Affairs
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 101 EGGERTS CROSSING RD
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Owner Name: NJDMAVA CFMO-EMB
Organization: NJ DEPT MILITARY & VET AFFAIRS
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): CFMO-EMB
Contact Address 2 (UST Reg): 101 EGGERTS CROSSING RD
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: Removed
Tank Status Date: 07/20/1998
Install Date: 01/01/1975
Tank Contents: Unleaded Gasoline
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-2
Tank Number: E2
Tank Status: Removed
Tank Status Date: 07/20/1998
Install Date: 01/01/1975
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY & OMS (Continued)

U000352872

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-3
Tank Number: E3
Tank Status: Removed
Tank Status Date: 06/01/2001
Install Date: 01/01/1975
Tank Contents: Waste Oil
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: E4
Tank Status: Removed
Tank Status Date: 08/19/1998
Install Date: 01/01/1975
Tank Contents: Heating Oil (No. 6)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-5
Tank Number: E5
Tank Status: Removed
Tank Status Date: 06/01/2001
Install Date: 01/01/1986
Tank Contents: Waste Oil
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY & OMS (Continued)

U000352872

Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-6
Tank Number: 00E6
Tank Status: Removed
Tank Status Date: 01/13/1999
Install Date: 01/01/1983
Tank Contents: Aviation Fuel
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-7
Tank Number: 00E7
Tank Status: Removed
Tank Status Date: 01/13/1999
Install Date: 01/01/1983
Tank Contents: Aviation Fuel
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-9
Tank Number: 00E8
Tank Status: In-use
Tank Status Date: 08/01/1998
Install Date: 08/01/1998
Tank Contents: Heating Oil (No. 2)
Tank Size: 10000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY & OMS (Continued)

U000352872

Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Pipe Other: Steel/fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Cathodically protected steel - Sacrificial anode
Tank/Pipe Monitor: Pipe Other: Safe (European) Suction
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring
Tank/Pipe Monitor: Tank Interstitial
Tank/Pipe Monitor: Tank Inventory Control
Tank/Pipe Monitor: Tank Manual Tank Gauging

C34

**JOHNSON & JOHNSON AVIATION DEPT.
MERCER COUNTY A P SCOTCH RD
WEST TRENTON, NJ 08628**

**RCRA-CESQG
NJ HIST HWS
NJ UST
NJ MANIFEST**

**1000320335
NJD043965110**

**< 1/8
1 ft.**

Site 4 of 4 in cluster C

**Relative:
Lower**

RCRA-CESQG:

Date form received by agency: 01/01/2007

**Actual:
187 ft.**

Facility name: JOHNSON & JOHNSON AVIATION DEPT.

Facility address: MERCER COUNTY A P SCOTCH RD
WEST TRENTON, NJ 08628

EPA ID: NJD043965110

Mailing address: MERCER COUNTY AIRPORT
WEST TRENTON, NJ 08628

Contact: Not reported

Contact address: MERCER COUNTY AIRPORT
WEST TRENTON, NJ 08628

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: 212-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: JOHNSON & JOHNSON AVIATION DEPT.
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/29/1984
Site name: JOHNSON & JOHNSON AVIATION DEPT.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/14/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/17/1999
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

HIST SHWS:

Case Status: Active
Status Date: 9/24/1998
Case ID: 002269
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: Ongoing
Classification exception area dt: 12/5/1997
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

National Priorities List Date: Not reported
X Coordinate: 406195
Y Coordinate: 528484
Coordinate System: NJ State Plane (NAD83) - USFEET

UST:

Facility ID: 002269

Contact:

Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: THOMAS KINSLEY
Organization: JOHNSON & JOHNSON
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): MERCER COUNTY AIRPORT
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): West Trenton, NJ 08628

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **Removed**
Tank Status Date: 11/30/1993
Install Date: 01/01/1969
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E2
Tank Status: **Removed**
Tank Status Date: 11/30/1993
Install Date: 01/01/1969
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: E3
Tank Status: Removed
Tank Status Date: 11/30/1993
Install Date: 01/01/1969
Tank Contents: Unleaded Gasoline
Tank Size: 3000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

NJ MANIFEST:

EPA Id: NJD043965110
Mail Address: Not reported
Mail City/State/Zip: Not reported
Facility Phone: 6098833535
Emergency Phone: Not reported
Contact: GERARD P TOTARO
Comments: Not reported
SIC Code: 4511
County: 11
Municipal: 02
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001079963VES
EPA ID: NJD043965110
Date Shipped: 3/2/2016
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	002969124FLE
EPA ID:	NJD043965110
Date Shipped:	07/01/2009
TSDf EPA ID:	ARD069748192
Transporter EPA ID:	MAD039322250
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	MAD039322250
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/01/2009
Date Trans2 Transported Waste:	07/06/2009
Date Trans3 Transported Waste:	07/08/2009
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	07/16/2009
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D018
Hand Code: H040
Quantity: 150 P

Manifest Number: 001079964VES
EPA ID: NJD043965110
Date Shipped: 3/2/2016
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5106350
EPA ID:	NJD043965110
Date Shipped:	12/16/2004
TSDF EPA ID:	NCD000648451
Transporter EPA ID:	MAD039322250
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/16/2004
Date Trans2 Transported Waste:	12/20/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/21/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02080525
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	001027958VES
EPA ID:	NJD043965110
Date Shipped:	4/1/2015
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Manifest Number: 000753244VES
EPA ID: NJD043965110
Date Shipped: 11/6/2013
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D007
Hand Code: Not reported
Quantity: 6.00 Pounds

Manifest Number: 006135687FLE
EPA ID: NJD043965110
Date Shipped: 10/22/2012
TSDF EPA ID: OHD000816629
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Waste:

Manifest Year: Not reported
Waste Code: D001 D035 F006
Hand Code: Not reported
Quantity: 200.00 Pounds

Manifest Number: NJA5040119
EPA ID: NJD043965110
Date Shipped: 06/25/2004
TSDF EPA ID: KYD053348108
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: MOR000505347
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/25/2004
Date Trans2 Transported Waste: 06/29/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/11/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 10010421
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Manifest Number: 001130878VES
EPA ID: NJD043965110
Date Shipped: 1/4/2017
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
Generator EPA Facility Name:	JOHNSON & JOHNSON AVIATION
Transporter-1 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
TSDf EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	Not reported
Transporter-1 Date:	1/4/2017
Waste SEQ ID:	1
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	1/6/2017
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	001022335VES
EPA ID:	NJD043965110
Date Shipped:	7/1/2015
TSDf EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Manifest Number: 000753245VES
EPA ID: NJD043965110
Date Shipped: 11/6/2013
TSDF EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F005 D035 D001
Hand Code: Not reported
Quantity: 150.00 Pounds

Manifest Number: 008373958FLE
EPA ID: NJD043965110
Date Shipped: 4/13/2015
TSDf EPA ID: NJD980536593
Transporter EPA ID: NJD000692061
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Manifest Number: 001079192VES
EPA ID: NJD043965110
Date Shipped: 11/4/2015
TSDf EPA ID: NJD002454544
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported
Manifest Number:	004831388FLE
EPA ID:	NJD043965110
Date Shipped:	11/7/2011
TSDf EPA ID:	OHD000816629
Transporter EPA ID:	MAD039322250
Transporter 2 EPA ID:	MAD039322250
Transporter 3 EPA ID:	MAD039322250
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 200.00 Pounds

Manifest Number: 001734080FLE
EPA ID: NJD043965110
Date Shipped: 02/12/2008
TSDf EPA ID: OHD000816629
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: OHD009865825
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/12/2008
Date Trans2 Transported Waste: 02/13/2008
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/15/2008
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D001
Hand Code: H061
Quantity: 200 P

Manifest Number: 003040542FLE
EPA ID: NJD043965110
Date Shipped: 10/07/2010
TSD EPA ID: OHD000816629
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: MAD039322250
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/07/2010
Date Trans2 Transported Waste: 10/13/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: 10/20/2010
TSD EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON AVIATION DEPT. (Continued)

1000320335

Hand Code: H141
Quantity: 120 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 120 P

Manifest Number: NJA5324843
EPA ID: NJD043965110
Date Shipped: 07/14/2006
TSDf EPA ID: NCD000648451
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: NJD071629976
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/14/2006
Date Trans2 Transported Waste: 07/19/2006
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 07/20/2006
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 09200621
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

35
South
< 1/8
0.044 mi.
230 ft.

**MERCER ARMORY/OMS
SCOTCH RD
WEST TRENTON, NJ 08628**

**RCRA NonGen / NLR
FINDS
ECHO
NJ MANIFEST
NY MANIFEST**

**1000168937
NJD980790836**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
167 ft.**

Date form received by agency: 05/22/2014
Facility name: MERCER ARMORY/OMS
Facility address: SCOTCH RD
WEST TRENTON, NJ 08628
EPA ID: NJD980790836
Mailing address: 101 EGGERTS CROSSING RD
ID-OEC
LAWRENCEVILLE, NJ 08648
Contact: CHARLES APPLEBY
Contact address: SCOTCH RD
WEST TRENTON, NJ 08628
Contact country: US
Contact telephone: 609-530-7135
Contact email: CHARLES.M.APPLEBY.CIV@MAIL.MIL
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MERCER ARMORY/OMS
Owner/operator address: SCOTCH RD
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-530-7135
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 11/15/2002
Owner/Op end date: Not reported

Owner/operator name: MERCER ARMORY/OMS
Owner/operator address: SCOTCH RD
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-530-7135
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/15/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 01/01/2007
Site name: MERCER ARMORY & OMS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: MERCER ARMORY & OMS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/03/1996
Site name: MERCER OMS
Classification: Large Quantity Generator

Date form received by agency: 06/22/1984
Site name: MERCER ARMORY & OMS
Classification: Large Quantity Generator

. Waste code: NONE
. Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/19/1998
Date achieved compliance: 12/02/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 07/07/1994
Date achieved compliance: 07/22/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Enforcement action date: 07/07/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/10/1993
Date achieved compliance: 12/13/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/10/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/10/1993
Date achieved compliance: 12/13/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/10/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/02/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 12/02/1998
Evaluation lead agency: State

Evaluation date: 11/19/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 12/02/1998
Evaluation lead agency: State

Evaluation date: 07/07/1994
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 07/22/1994
Evaluation lead agency: State

Evaluation date: 12/13/1993
Evaluation: COMPLIANCE SCHEDULE EVALUATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Area of violation: Generators - Manifest
Date achieved compliance: 12/13/1993
Evaluation lead agency: State

Evaluation date: 12/13/1993
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 12/13/1993
Evaluation lead agency: State

Evaluation date: 11/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/13/1993
Evaluation lead agency: State

Evaluation date: 11/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 12/13/1993
Evaluation lead agency: State

FINDS:

Registry ID: 110006532261

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000168937
Registry ID: 110006532261
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006532261>

NJ MANIFEST:

EPA Id: NJD980790836
Mail Address: 152 SCOTCH ROAD
Mail City/State/Zip: WEST TRENTON 086281302
Facility Phone: 6095307135
Emergency Phone: Not reported
Contact: FRANK KIRBY
Comments: Not reported
SIC Code: Not reported
County: 11
Municipal: 02
Previous EPA Id: NJ6210090043
Gen Flag: X
Trans Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported
Manifest:
Manifest Number: NJA5216689
EPA ID: NJD980790836
Date Shipped: 03/23/2005
TSD EPA ID: WVD981107600
Transporter EPA ID: PAD014146179
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/23/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: 03/23/2005
TSD EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 05180522
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

Manifest Number: NJA5259850
EPA ID: NJD980790836
Date Shipped: 05/16/2006
TSD EPA ID: WVD981107600
Transporter EPA ID: NJD986607380
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/16/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 05/23/2006
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07180622
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

Manifest Number: NJA5048582
EPA ID: NJD980790836
Date Shipped: 03/11/2004
TSDf EPA ID: OHD000816629
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: NJD986607380
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/11/2004
Date Trans2 Transported Waste: 03/16/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 03/18/2004
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04270421
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

Manifest Number: NJA5216625
EPA ID: NJD980790836
Date Shipped: 08/04/2005
TSDF EPA ID: WVD981107600
Transporter EPA ID: NJD071629976
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/04/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/05/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 10030522
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

Manifest Number: NJA5259849
EPA ID: NJD980790836
Date Shipped: 05/16/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

TSDF EPA ID: WVD981107600
Transporter EPA ID: NJD986607380
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/16/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 05/23/2006
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07180622
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

Manifest Number: NJA4025619
EPA ID: NJD980790836
Date Shipped: 02/03/2004
TSDF EPA ID: OHD000816629
Transporter EPA ID: MAD039322250
Transporter 2 EPA ID: OHD009865825
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/03/2004
Date Trans2 Transported Waste: 02/05/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/06/2004
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03260425
Was Load Rejected: WEST TRENTON 086281302
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NJD980790836
Facility Status: Not reported
Location Address 1: SCOTCH ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: WEST TRENTON
Location State: NJ
Location Zip: 08628
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NJD980790836
Mailing Name: MERCER ARMORY & OMS #19
Mailing Contact: MICHAEL EDWARDS
Mailing Address 1: BLDG 17 NAWC-AD
Mailing Address 2: Not reported
Mailing City: LAKEHURST
Mailing State: NJ
Mailing Zip: 08733
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6095304266

NY MANIFEST:

Document ID: NYG0957924
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: TWA133NJ
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER ARMORY/OMS (Continued)

1000168937

Generator Ship Date: 06/09/1999
Trans1 Recv Date: 06/09/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/10/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NJD980790836
Trans1 EPA ID: NJD071629976
Trans2 EPA ID: Not reported
TSDF ID 1: NYD057770109
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00396
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00225
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

36 **AMERICAN PROPERTIES REALTY** **NJ SHWS** **S113546164**
WSW **780 BEAR TAVERN RD** **NJ NJEMS** **N/A**
< 1/8
0.107 mi.
564 ft.

Relative: SHWS:
Higher Site ID: 15825
Status: Closed
Actual: Home Owner: No
199 ft. PI Number: 012351

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:
Site Id: 202900
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 401773
Y Coord: 525181
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

D37 **SCOTCH ROAD CLEANERS** **NJ NJEMS** **S106899249**
ESE **184 SCOTCH RD** **NJ AIRS** **N/A**
< 1/8 **EWING, NJ 08628** **NJ DRYCLEANERS**

0.121 mi.
641 ft. **Site 1 of 5 in cluster D**

Relative: NJEMS:
Lower Site Id: 13822
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 407433
Y Coord: 525284
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GPS
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105240

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

S106899249

Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105240020
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Shabakunk Creek WB
Watershed Name From Spatial Overlay: Assunpink Creek (below Shipetaukin Ck)

AIRS:

Emission Year: Not reported
Facility Number: L6079
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407433
Y Coordinate: 525284
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: PCP960001
Active Type Description: Construction of New Source
Document Status: Terminated
Expiration Date: 04/08/2016
Active Flag: N

NJ Drycleaners:

Facility Id: L6079
Contact Title: Not reported
Contact Name: A. YATES
SIC Code: 7218
SIC Description: Industrial Launderers
X Coordinate: 407433
Y Coordinate: 525284
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Contact Phone: (609) 882-1060
Active Flag: N

D38
ESE
< 1/8
0.121 mi.
641 ft.
Relative:
Lower
Actual:
155 ft.

SCOTCH ROAD CLEANERS
184 SCOTCH RD
EWING, NJ 08628

Site 2 of 5 in cluster D

EDR Hist Cleaner

EDR Hist Cleaner **1020082461**
N/A

Year:	Name:	Type:
1992	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1993	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1994	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1995	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1996	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1997	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
1998	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

1020082461

1999	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2000	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2001	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2002	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2003	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2004	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2005	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2006	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2007	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2008	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2009	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2010	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2011	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2012	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2013	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs
2014	SCOTCH ROAD CLEANERS	Drycleaning Plants, Except Rugs

D39
ESE
< 1/8
0.121 mi.
641 ft.

SCOTCH ROAD CLEANERS
184 SCOTCH RD
TRENTON, NJ 08628
Site 3 of 5 in cluster D

RCRA-CESQG **1004752037**
NJ MANIFEST **NJD986605392**

Relative:
Lower
Actual:
155 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: SCOTCH ROAD CLEANERS
Facility address: 184 SCOTCH RD
TRENTON, NJ 08628
EPA ID: NJD986605392
Mailing address: SCOTCH RD
TRENTON, NJ 08628
Contact: ALFRED YATES
Contact address: SCOTCH RD
TRENTON, NJ 08628
Contact country: US
Contact telephone: 609-882-1060
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ALFRED YATES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

1004752037

Owner/operator address: 120 W FARRELL AVE
TRENTON, NJ 08618
Owner/operator country: US
Owner/operator telephone: 609-883-9494
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ALFRED YATES
Owner/operator address: 120 W FARRELL AVE
TRENTON, NJ 08618
Owner/operator country: US
Owner/operator telephone: 609-883-9494
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: SCOTCH ROAD CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/08/1991
Site name: SCOTCH ROAD CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

1004752037

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/31/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NJ MANIFEST:

EPA Id: NJD986605392
Mail Address: Not reported
Mail City/State/Zip: Not reported
Facility Phone: 6098851060
Emergency Phone: 6098851060
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 11
Municipal: 02
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: 000000

Manifest:

Manifest Number: NJA5061197
EPA ID: NJD986605392
Date Shipped: 10/23/2004
TSDF EPA ID: OHD980587364
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: MOD095038998
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/23/2004
Date Trans2 Transported Waste: 11/03/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

1004752037

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/04/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 12280421
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Manifest Number: NJA5035037
EPA ID: NJD986605392
Date Shipped: 03/20/2004
TSDF EPA ID: OHD980587364
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: NJD000813477
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/20/2004
Date Trans2 Transported Waste: 03/31/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/01/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTCH ROAD CLEANERS (Continued)

1004752037

Data Entry Number: 04280422
Was Load Rejected: No
Reason Load Was Rejected: Not reported

**D40
ESE
< 1/8
0.124 mi.
654 ft.**

**TEDCO INC DBA MINUTEMAN PRESS
199 SCOTCH RD
WEST TRENTON, NJ 08628**

**RCRA NonGen / NLR 1000870114
NY MANIFEST NJ0000063396**

Site 4 of 5 in cluster D

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
156 ft.**

Date form received by agency: 01/01/2007
Facility name: TEDCO INC DBA MINUTEMAN PRESS
Facility address: 199 SCOTCH RD
WEST TRENTON, NJ 08628
EPA ID: NJ0000063396
Mailing address: SCOTCH RD
WEST TRENTON, NJ 08628
Contact: Not reported
Contact address: SCOTCH RD
WEST TRENTON, NJ 08628
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TED BLUMENTHAL
Owner/operator address: 199 SCOTCH RD
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-883-0799
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TED BLUMENTHAL
Owner/operator address: 199 SCOTCH RD
WEST TRENTON, NJ 08628
Owner/operator country: US
Owner/operator telephone: 609-883-0799
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEDCO INC DBA MINUTEMAN PRESS (Continued)

1000870114

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: TEDCO INC DBA MINUTEMAN PRESS
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 11/23/1993
Site name: TEDCO INC DBA MINUTEMAN PRESS
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NJ0000063396
Facility Status: Not reported
Location Address 1: 199 SCOTCH RD DBA MINUTEMN PRS
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: WEST TRENTON
Location State: NJ
Location Zip: 08628
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NJ0000063396
Mailing Name: TEDCO
Mailing Contact: TEDCO
Mailing Address 1: 199 SCOTCH RD DBA MINUTEMN PRS
Mailing Address 2: Not reported
Mailing City: WEST TRENTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEDCO INC DBA MINUTEMAN PRESS (Continued)

1000870114

Mailing State: NJ
Mailing Zip: 08628
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6098830799

NY MANIFEST:

Document ID: NYG0481365
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: T3D956NJ
Trans2 State ID: Not reported
Generator Ship Date: 08/12/1997
Trans1 Recv Date: 08/12/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 08/14/1997
Part A Recv Date: / /
Part B Recv Date: 09/09/1997
Generator EPA ID: NJ0000063396
Trans1 EPA ID: NJD000813477
Trans2 EPA ID: Not reported
TSD ID 1: NYD981182769
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00045
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D41
ESE
< 1/8
0.124 mi.
654 ft.
Site 5 of 5 in cluster D

NJ ISRA **S107590586**
N/A

Relative: NJ ISRA:
Lower Pi Number: G000014663
Action Number: ISR900002
Actual: Title: E90338 T. B. M. Corporation
156 ft. Isra Trg: Finalized Date Not reported
Start Date: 07/30/1990
Case Status: NFA (No Further Action) HISTORIC
Case No: E90338
Case Name: T. B. M. Corporation
Trigger Type: Business Sale
Trigger Date: 05/07/1990

E42
WSW
1/8-1/4
0.182 mi.
962 ft.
Site 1 of 2 in cluster E

NJ UST **U002156516**
N/A

Relative: UST:
Higher Facility ID: 024450
Actual: Contact:
217 ft. Owner Name: MIKE SELLAR
Organization: NJ WATER SUPPLY AUTH
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 770 BEAR TAVERN RD
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Ewing, NJ 08628

Owner Name: MARC BROOKS
Organization: NJ WATER SUPPLY AUTHORITY
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 1851 RT 31 - PO BOX 5196
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Clinton, NJ 088090196

Tanks:
Tank Id: TANK-1
Tank Number: E01
Tank Status: **In-use**
Tank Status Date: 01/01/1991
Install Date: 01/01/1991
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other: Total Containment
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D&R CANAL FIELD OFFICE (Continued)

U002156516

Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Interstitial
Tank/Pipe Monitor: Tank Interstitial

Tank Id: TANK-2
Tank Number: E02
Tank Status: **In-use**
Tank Status Date: 01/01/1991
Install Date: 01/01/1991
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 6000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Other: Total Containment
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Interstitial
Tank/Pipe Monitor: Tank Interstitial

Tank Id: TANK-3
Tank Number: E03
Tank Status: **In-use**
Tank Status Date: 01/01/1991
Install Date: 01/01/1991
Tank Contents: Heating Oil (No. 2)
Tank Size: 2500
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Other: Copper/PVC
Tank/Pipe Monitor: Pipe Interstitial
Tank/Pipe Monitor: Tank Interstitial

E43
WSW
1/8-1/4
0.182 mi.
962 ft.

D&R CANAL FIELD OFFICE
770 BEAR TAVERN RD
EWING TWP, NJ

Site 2 of 2 in cluster E

NJ SHWS
NJ Release

S108393842
N/A

Relative:
Higher

Actual:
217 ft.

SHWS:
Site ID: 49409
Status: Closed
Home Owner: No
PI Number: 024450

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D&R CANAL FIELD OFFICE (Continued)

S108393842

Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Rural
Facility Phone: Not reported
Incident Date: 10/06/2006
Incident Time: Not reported
Trenton Dispatch Log Number: 213836
Case Number: 06-11-30-0838-35
Date Received: 11/30/2006
Nature of Incident: Not reported
Operator: Not reported
Incident Type: NJPDES
Incident Location: NJ WATER SUPPLY
Location: Not reported
Other Location: Not reported
Contact Name: TIMOTHY ORAVSKY
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Telephone: Not reported
Public Evacuation: No
Assistance Requested: Not reported
Wind Direction/Speed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D&R CANAL FIELD OFFICE (Continued)

S108393842

Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	11/30/2006
Reporter Type:	Facility Rep.
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Continuous
Incident Category:	Other
Incident Source:	NJ WATER SUPPLY
Incident Address:	770 BEAR TAVERN RD
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08628
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F44
WSW
1/8-1/4
0.207 mi.
1093 ft.

JONES' FARM
BEAR TAVERN RD
EWING TWP, NJ

NJ HIST LUST

S104387931
N/A

Site 1 of 3 in cluster F

Relative:
Higher

LUST HIST:

Actual:
208 ft.

Case ID: 89-03-29-1429
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Case Awaiting Assignment
UST ID: 0159889
TMS Number: Not reported
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

F45
WSW
1/8-1/4
0.207 mi.
1093 ft.

DEPARTMENT OF CORR ADM OFC
1400 STUYVESANT AVE
TRENTON CITY, NJ 08625

NJ UST

U000364723
N/A

Site 2 of 3 in cluster F

Relative:
Higher

UST:

Facility ID: 015978

Actual:
208 ft.

Contact:

Owner Name: WILSON BULLIVANT
Organization: NJDOC ADMINISTRATIVE OFFICES
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): PO BOX 863
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Owner Name: TODD JONES
Organization: STATE OF NEW JERSEY
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): PO BOX 034
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Tanks:

Tank Id: TANK-1
Tank Number: 0001
Tank Status: Removed
Tank Status Date: 10/01/2001
Install Date: 01/01/1980
Tank Contents: Unleaded Gasoline
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF CORR ADM OFC (Continued)

U000364723

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: 0002
Tank Status: Emergency backup generator tank
Tank Status Date: 01/01/1972
Install Date: 01/01/1972
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: Yes
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-3
Tank Number: 0003
Tank Status: Abandoned in Place
Tank Status Date: 01/01/1987
Install Date: 01/01/1987
Tank Contents: Leaded Gasoline
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-49783
Tank Number: 0004
Tank Status: Exempt
Tank Status Date: 12/30/2014
Install Date: 12/01/1985
Tank Contents: Heating Oil (No. 2)
Tank Size: 1000
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF CORR ADM OFC (Continued)

U000364723

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

F46
WSW
1/8-1/4
0.207 mi.
1093 ft.

JONES FARM BARRACKS
BEAR TAVERN RD
EWING TWP, NJ 08628

NJ UST U000364729
N/A

Site 3 of 3 in cluster F

Relative:
Higher

UST:
Facility ID: 015988

Actual:
208 ft.

Contact:
Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: CHARLES C HULLFISH J
Organization: JONES FARM
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): DEPT OF CORRECTIONS
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08628

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **Removed**
Tank Status Date: 01/01/1989
Install Date: 01/01/1979
Tank Contents: Heating Oil (No. 2)
Tank Size: 0
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E2
Tank Status: **Removed**
Tank Status Date: 01/01/1989
Install Date: 01/01/1987
Tank Contents: Heating Oil (No. 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JONES FARM BARRACKS (Continued)

U000364729

Tank Size: 0
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: E3
Tank Status: Removed
Tank Status Date: 01/01/1989
Install Date: 01/01/1987
Tank Contents: Heating Oil (No. 2)
Tank Size: 0
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

G47
NE
1/8-1/4
0.214 mi.
1129 ft.
RONSON AVIATION INC
SCOTCH RD
EWING TWP, NJ 08628
Site 1 of 2 in cluster G

NJ HIST HWS
NJ HIST LUST
NJ UST
NJ BROWNFIELDS
U003563884
N/A

Relative:
Higher

Actual:
200 ft.

HIST SHWS:
Case Status: Active
Status Date: 1/22/1999
Case ID: 005371
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 405063
Y Coordinate: 527839
Coordinate System: NJ State Plane (NAD83) - USFEET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

LUST HIST:

Case ID: Not reported
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: **Site Issued Letter of No Further Action for Area(s) Of Concern**
UST ID: 0053714
TMS Number: N00-0904
Remedial Level: Site has 1 area of concern with 1 media of concern.
Case Manager: Corbin Weck
Facility Phone: (609) 292-9519
No Further Action: 9/4/2001 0:00:00
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

UST:

Facility ID: 005371

Contact:

Owner Name: WOLCOTT BLAIR
Organization: RONSON AVIATION INC
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): TRENTON MERCER AIRPORT
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08628

Owner Name: WALTER KRAWISCHENKO
Organization: COUNTY OF MERCER
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 640 BROAD ST S
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08650

Tanks:

Tank Id: TANK-10
Tank Number: E14
Tank Status: **Removed**
Tank Status Date: 01/10/2006
Install Date: 01/01/1978
Tank Contents: Other
Tank Size: 285
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

Tank Number: E7
Tank Status: **Removed**
Tank Status Date: 11/19/1999
Install Date: 01/01/1963
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-13
Tank Number: E8
Tank Status: **Removed**
Tank Status Date: 11/19/1999
Install Date: 01/01/1963
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-14
Tank Number: E9
Tank Status: **Removed**
Tank Status Date: 11/19/1999
Install Date: 01/01/1963
Tank Contents: Aviation Fuel
Tank Size: 5000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

Tank Number: E10
Tank Status: **Removed**
Tank Status Date: 11/19/1999
Install Date: 01/01/1963
Tank Contents: Unleaded Gasoline
Tank Size: 3000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-7
Tank Number: E11
Tank Status: **Removed**
Tank Status Date: 11/19/1999
Install Date: 01/01/1963
Tank Contents: Aviation Fuel
Tank Size: 250
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

Tank Id: TANK-8
Tank Number: E12
Tank Status: **Abandoned in Place**
Tank Status Date: 12/11/2000
Install Date: 01/01/1978
Tank Contents: Heating Oil (No. 2)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

Tank Number: E13
Tank Status: **Removed**
Tank Status Date: 01/10/2006
Install Date: 01/01/1978
Tank Contents: Other
Tank Size: 285
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank Manual Tank Gauging

BROWNFIELDS:

Price: Not reported
Assessed Value: Not reported
Property Size: Unknown
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported
Submitter Phone: Not reported
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 7406
X Coordinate: 405063
Y Coordinate: 527839
Coord: 405063:527839
AutoID: Not reported
Ownership Type: unknown
Ownership: DEP Case
PStatus: No Longer Brownfield
PI Number: 005371
Owner Name: County Of Mercer
Owner Address + Owner Street: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner County: Not reported
Owner Phone: 9999999999
Owner Fax: 9999999999
Owner Email: Not reported
Owner Organization: Not reported
Authorized Representative: Not reported
Auth Rep Relation to Owner: Not reported
Municipal Contact Name: Not reported
Municipal Contact Street: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Block:	373
Lot:	8
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION INC (Continued)

U003563884

Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program, 1/22/1999 2) C2: Formal Design - Known Source or Release with GW Contamination established 4/11/2000
County_int_FK:	11
Municipality_int_FK:	286
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

G48
NE
1/8-1/4
0.214 mi.
1129 ft.

RONSON AVIATION
SCOTCH RD
EWING, NJ
Site 2 of 2 in cluster G

NJ HIST LUST **S104393735**
NJ SPILLS **N/A**

Relative:
Higher
Actual:
200 ft.

LUST HIST:
Case ID: 98-08-11-0801-58
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: **Assigned to a Program**
UST ID: 0053714
TMS Number: C98-1984
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: David Nickerson
Facility Phone: (609) 633-1445
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

NJ SPILL:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION (Continued)

S104393735

Trenton Dispatch Log Number:	29781
Case Number:	98-08-11-0801-58
Notify Type:	Facility
Date Received:	08/11/1998
Location:	Facility
Other Location:	Not reported
Incident Date:	08/08/1998
Incident Time:	1300
A310 Letter:	True
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	FAILURE OF HIGH LEVEL ALARM CAUSED SPILL. CLEANUP IN PROGRESS.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	No
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	No
Memo. Of Understanding:	No
Drill/trng Exercise:	No
Operator:	PAT
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONSON AVIATION (Continued)

S104393735

Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	RONSON AVIATION
Responsible Party Contact:	CHUCK REESE
Responsible Party Title:	RAMP MGR
Responsible Party Telephone:	609-771-9500
Responsible Party Street:	SCOTCH RD
Responsible Party Municipality:	WEST TRENTON
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	WEST TRENTON, NJ
Responsible Party County:	MERCER
Local Municipality:	No
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H49
South
1/4-1/2
0.252 mi.
1329 ft.

53 GRAND AVENUE WEST TRENTON LLC
53 GRAND AVE
EWING TWP, NJ 08628

Site 1 of 3 in cluster H

Relative:
Lower

Actual:
162 ft.

SHWS:

Site ID: 6642
Status: Closed
Home Owner: No
PI Number: 007676

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **Active**
Status Date: 7/23/1997
Case ID: 007676
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: Ongoing
Classification exception area dt: 9/21/2005
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 403212
Y Coordinate: 521921
Coordinate System: NJ State Plane (NAD83) - USFEET

UST:

Facility ID: 007676

Contact:

Owner Name: JOHN MALONEY
Organization: LEHIGH GAS CORP
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 702 HAMILTON ST N - SUITE 203
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): ALLENTOWN, PA 18101

Owner Name: KAREN DILLEY
Organization: 53 GRAND AVE WEST TRENTON LLC
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 702 HAMILTON ST N - SUITE 203
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): ALLENTOWN, PA 18101

NJ SHWS
NJ HIST HWS
NJ UST
NJ INST CONTROL
NJ AIRS
NJ GW CONTAM AREAS
NJ NPDES

U003105664
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **Removed**
Tank Status Date: 07/23/2008
Install Date: 01/01/1981
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe In-line electronic pressure monitor
Tank/Pipe Monitor: Pipe Statistical Inventory Reconciliation
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring
Tank/Pipe Monitor: Tank Inventory Control
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-153237
Tank Number: E5
Tank Status: **Removed**
Tank Status Date: 07/24/2008
Install Date: 01/01/1944
Tank Contents: Heating Oil (No. 2)
Tank Size: 3000
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-153241
Tank Number: E6
Tank Status: **Removed**
Tank Status Date: 05/01/1992
Install Date: 01/01/1944
Tank Contents: Waste Oil
Tank Size: 550
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E2
Tank Status: Removed
Tank Status Date: 07/23/2008
Install Date: 01/01/1981
Tank Contents: Unleaded Gasoline
Tank Size: 8000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe In-line electronic pressure monitor
Tank/Pipe Monitor: Pipe Statistical Inventory Reconciliation
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring
Tank/Pipe Monitor: Tank Inventory Control
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-3
Tank Number: E3
Tank Status: Removed
Tank Status Date: 07/23/2008
Install Date: 01/01/1981
Tank Contents: Unleaded Gasoline
Tank Size: 6000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe In-line electronic pressure monitor
Tank/Pipe Monitor: Pipe Statistical Inventory Reconciliation
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring
Tank/Pipe Monitor: Tank Inventory Control
Tank/Pipe Monitor: Tank Statistical Inventory Reconciliation

Tank Id: TANK-4
Tank Number: E4
Tank Status: Removed
Tank Status Date: 12/15/1992
Install Date: 01/01/1982
Tank Contents: Waste Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

NJ INSTITUTIONAL CONTROL:

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Benzene
CEA Case Track #: 9253
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Benzene
CEA Case Track #: 9254
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Benzene
CEA Case Track #: Not reported
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Ethylbenzene
CEA Case Track #: 9253
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Ethylbenzene
CEA Case Track #: 9254
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Ethylbenzene
CEA Case Track #: Not reported
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: 9253
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: 9254
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Total]
CEA Case Track #: Not reported
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Xylenes (total)
CEA Case Track #: 9253
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Xylenes (total)
CEA Case Track #: 9254
CEA Duration: 10.00
Intermediate Durations: No

Facility ID: 6642
Date Established (SI): 05/16/2013
Date Closed/Lifted (SI): Not reported
PI Number: 007676
PI Name: 53 GRAND AVENUE WEST TRENTON LLC
CEA Description (SI): Xylenes (total)
CEA Case Track #: Not reported
CEA Duration: 10.00
Intermediate Durations: No

AIRS:

Emission Year: Not reported
Facility Number: A6137
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 403212
Y Coordinate: 521921
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN980001
Active Type Description: (GP-004) Gasoline Dispensing
Document Status: Auto-Killed
Expiration Date: 07/01/2013
Active Flag: N

Emission Year: Not reported
Facility Number: 61097
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 403212
Y Coordinate: 521921
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN010001
Active Type Description: (GP-008) Site Remediation for Gasoline Contamination
Document Status: Terminated
Expiration Date: 02/08/2006
Active Flag: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

Emission Year: Not reported
Facility Number: A6137
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 403212
Y Coordinate: 521921
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: PCP960002
Active Type Description: Construction of New Source
Document Status: Superseded (Archived)
Expiration Date: 03/16/1998
Active Flag: N

Emission Year: Not reported
Facility Number: A6137
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 403212
Y Coordinate: 521921
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: PCP960001
Active Type Description: Construction of New Source
Document Status: Superseded (Archived)
Expiration Date: 01/21/2002
Active Flag: N

GW CONTAM AREAS:

AKA: EXXON SERVICE STATION #3-6625
Scale at which CKE is digitized: Not reported
Date CKE was approved: Not reported
VOCS: Not reported
SVOCS: Not reported
Metal: Not reported
Pesticide/PCBS: Not reported
Tentatively Identified Compounds: Yes
Contam Contributed To Radioactive Substance: Not reported
Other: Not reported
Block Lot: 382-22; 382-7
Duration: 10
Well Restriction Area: Yes
GW Class: II-A
Vertical Extent: 20
Acres: 2.2422800000000001E-3
Benzene: Yes
MTBE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53 GRAND AVENUE WEST TRENTON LLC (Continued)

U003105664

TBA:	Not reported
TCE:	Not reported
PCE:	Not reported
Naphthalen:	Not reported
Vinyl Chloride:	Not reported
Benz Pyrene:	Not reported
Lead Pb:	Not reported
Arsenic:	Not reported
Chromium:	Not reported
Cadmium:	Not reported
Mercury:	Not reported
TICS:	Yes
Volatile Organic:	Ethylbenzene, Xylenes (total)
Base Neutral:	Not reported
Pesticide:	Not reported
PCB:	Not reported
Dioxin:	Not reported
Radionuclides:	Not reported
Non-Dissolved Free Product:	Not reported
Perimeter:	36.75261708

NJPDES:

NJPDES Permit Number:	NJ0080551
Facility Telephone:	2014287666
Facility Contact:	JACOB THOMAS
Facility Municipality:	EWING TWP.
Facility Enforcement region:	CENTRAL
Discharger Classification:	Minor
Discharger Category Code:	Not reported
Document Status:	Not reported
Facility Primary SIC code:	5541
Facility Ownership:	PRIVATE
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	401557 744911
Site X Coordinate:	Not reported
Site X Coordinate:	Not reported
Facility Lot number:	7
Facility Block number:	382
Permittee Name:	EXXON COMPANY USA
Permittee Address:	800 BELL STREET
Permittee PO Box:	ROOM 2789H
Permittee City,St,Zip:	HOUSTON, TX 77002 7426
Category Description:	RENEWAL
Date Permit Application Received:	05/27/1998
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	11/25/1998
Date Final Permit Effective:	12/01/1998
Date Final Permit Expires:	11/30/2003
PI Number:	Not reported
Regional Office:	Not reported
Permit Category:	GW PETROLEUM PROD CLEANUP (GP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

50
West
1/4-1/2
0.254 mi.
1341 ft.

WEST TRENTON MAINTENANCE YARD
RT 95 & BEAR TAVERN RD
EWING TWP, NJ 08608

NJ HIST LUST
NJ UST

U000361791
N/A

Relative:
Higher

Actual:
218 ft.

LUST HIST:

Case ID: Not reported
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Case Awaiting Assignment
UST ID: 0123518
TMS Number: N00-0622;N00-0725
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

UST:

Facility ID: 012351

Contact:

Owner Name: CREW SUPERVISOR
Organization: NJDOT
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 1035 PARKWAY AVE
Contact Address 2 (UST Reg): PO BOX 600
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Owner Name: RAYMOND COLANDUONI
Organization: NJDOT
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 1035 PARKWAY AVE
Contact Address 2 (UST Reg): PO BOX 600
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: Removed
Tank Status Date: 09/13/2000
Install Date: 01/01/1981
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 8000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST TRENTON MAINTENANCE YARD (Continued)

U000361791

Tank Id: TANK-2
Tank Number: E2
Tank Status: Removed
Tank Status Date: 09/14/2000
Install Date: 01/01/1972
Tank Contents: Unleaded Gasoline
Tank Size: 4000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

51
SSE
1/4-1/2
0.260 mi.
1374 ft.

NAVAL AIR WARFARE CTR
1 JACK STEPHAN WAY
WEST TRENTON, NJ 08628

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA-SQG

1015735350
NJ9170022694

Relative:
Lower
Actual:
155 ft.

SEMS Archive:
Site ID: 0201177
EPA ID: NJ9170022694
Cong District: 04
FIPS Code: 34021
FF: Y
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Latitude: 40.269139
Longitude: -74.811583

SEMS Archive Detail:

Region: 02
Site ID: 0201177
EPA ID: NJ9170022694
Site Name: US NAVAL AIR WARFARE CENTER/TRENTON
NPL: N
FF: Y
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1997-01-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0201177
EPA ID: NJ9170022694
Site Name: US NAVAL AIR WARFARE CENTER/TRENTON
NPL: N
FF: Y
OU: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Action Code:	VS
Action Name:	ARCH SITE
SEQ:	2
Start Date:	Not reported
Finish Date:	2003-09-23 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON
NPL:	N
FF:	Y
OU:	00
Action Code:	VU
Action Name:	UNARCHIVE
SEQ:	1
Start Date:	Not reported
Finish Date:	2003-09-23 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON
NPL:	N
FF:	Y
OU:	00
Action Code:	ES
Action Name:	ESI
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-09-25 04:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON
NPL:	N
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

NPL:	N
FF:	Y
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	Not reported
Finish Date:	1992-09-30 04:00:00
Qual:	N
Current Action Lead:	Fed Fac
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON
NPL:	N
FF:	Y
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-06-30 04:00:00
Qual:	N
Current Action Lead:	Fed Fac
Region:	02
Site ID:	0201177
EPA ID:	NJ9170022694
Site Name:	US NAVAL AIR WARFARE CENTER/TRENTON
NPL:	N
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-06-20 04:00:00
Qual:	L
Current Action Lead:	Fed Fac

CORRACTS:

EPA ID:	NJ9170022694
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	19950914
Action:	CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s):	336412 54138 Aircraft Engine and Engine Parts Manufacturing Testing Laboratories
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NJ9170022694
EPA Region:	2
Area Name:	SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Actual Date: 19950914
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 336412 54138
Aircraft Engine and Engine Parts Manufacturing
Testing Laboratories
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJ9170022694
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19940125
Action: CA050 - RFA Completed
NAICS Code(s): 336412 54138
Aircraft Engine and Engine Parts Manufacturing
Testing Laboratories
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 01/01/2007
Facility name: NAVAL AIR WARFARE CTR
Facility address: 1 JACK STEPHAN WAY
WEST TRENTON, NJ 08628
EPA ID: NJ9170022694
Mailing address: 4911 SOUTH BROAD STREET
BUILDING 679 PNBC
PHILADELPHIA, PA 19112
Contact: BRIAN HELLAND
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 610-595-0567
Contact email: BRIAN.HELLAND@NAVY.MIL
EPA Region: 02
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: NASSIMI REALTY
Owner/operator address: 4911 SOUTH BROAD STREET
PHILADELPHIA, PA 19112
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/29/2001
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1954
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/31/2006
Site name: NAVAL AIR WARFARE CTR
Classification: Small Quantity Generator

- . Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 05/30/2006
Site name: NAVAL AIR WARFARE CTR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Classification: Small Quantity Generator

Date form received by agency: 01/26/1998

Site name: NAVAL AIR WARFARE CENTER AIRCRAFT DIV

Classification: Large Quantity Generator

Date form received by agency: 07/11/1996

Site name: NAVAL AIR WARFARE CENTER

Classification: Large Quantity Generator

Date form received by agency: 02/25/1994

Site name: NAVAL AIR WARFARE CENTER

Classification: Large Quantity Generator

Date form received by agency: 02/24/1992

Site name: NAVAL AIR PROPULSION CENTER

Classification: Large Quantity Generator

Date form received by agency: 04/05/1990

Site name: NAVAL AIR PROPULSION CENTER

Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Site name: US NAVAL AIR PROPULSION CENTER

Classification: Not a generator, verified

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO-

Date form received by agency: 08/18/1980
Site name: US NAVAL AIR PROPULSION CENTER
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

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NAVAL AIR WARFARE CTR (Continued)

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LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO-

Corrective Action Summary:

Event date: 01/25/1994
Event: RFA COMPLETED

Event date: 09/14/1995
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 09/14/1995
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/28/1993
Date achieved compliance: 07/07/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/03/1993
Date achieved compliance: 06/28/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Area of violation: Generators - Manifest
Date violation determined: 05/03/1993
Date achieved compliance: 06/28/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/12/1990
Date achieved compliance: 07/03/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/24/1989
Date achieved compliance: 10/31/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/30/1989
Date achieved compliance: 07/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/30/1999

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NAVAL AIR WARFARE CTR (Continued)

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Evaluation:	CASE DEVELOPMENT INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/23/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/07/1993
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Manifest
Date achieved compliance:	07/07/1993
Evaluation lead agency:	State
Evaluation date:	06/28/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	06/28/1993
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/28/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Manifest
Date achieved compliance:	07/07/1993
Evaluation lead agency:	State
Evaluation date:	06/28/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Manifest
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	05/03/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	05/03/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Manifest
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	04/30/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported

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NAVAL AIR WARFARE CTR (Continued)

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Evaluation lead agency: State

Evaluation date: 02/25/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/12/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/03/1990
Evaluation lead agency: State

Evaluation date: 08/24/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/31/1989
Evaluation lead agency: EPA

Evaluation date: 07/10/1989
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/30/1989
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/10/1989
Evaluation lead agency: State

Evaluation date: 07/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/18/1985
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 07/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/30/1987
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/31/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

RCRA-SQG:

Date form received by agency: 01/01/2007
Facility name: NAVAL AIR WARFARE CTR
Facility address: 1 JACK STEPHAN WAY
WEST TRENTON, NJ 08628
EPA ID: NJ9170022694
Mailing address: 4911 SOUTH BROAD STREET
BUILDING 679 PNBC

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NAVAL AIR WARFARE CTR (Continued)

1015735350

PHILADELPHIA, PA 19112
Contact: BRIAN HELLAND
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 610-595-0567
Contact email: BRIAN.HELLAND@NAVY.MIL
EPA Region: 02
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: NASSIMI REALTY
Owner/operator address: 4911 SOUTH BROAD STREET
PHILADELPHIA, PA 19112
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/29/2001
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1954
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

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NAVAL AIR WARFARE CTR (Continued)

1015735350

Historical Generators:

Date form received by agency: 05/31/2006

Site name: NAVAL AIR WARFARE CTR

Classification: Small Quantity Generator

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 05/30/2006

Site name: NAVAL AIR WARFARE CTR

Classification: Small Quantity Generator

Date form received by agency: 01/26/1998

Site name: NAVAL AIR WARFARE CENTER AIRCRAFT DIV

Classification: Large Quantity Generator

Date form received by agency: 07/11/1996

Site name: NAVAL AIR WARFARE CENTER

Classification: Large Quantity Generator

Date form received by agency: 02/25/1994

Site name: NAVAL AIR WARFARE CENTER

Classification: Large Quantity Generator

Date form received by agency: 02/24/1992

Site name: NAVAL AIR PROPULSION CENTER

Classification: Large Quantity Generator

Date form received by agency: 04/05/1990

Site name: NAVAL AIR PROPULSION CENTER

Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Site name: US NAVAL AIR PROPULSION CENTER

Classification: Not a generator, verified

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

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NAVAL AIR WARFARE CTR (Continued)

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- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

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NAVAL AIR WARFARE CTR (Continued)

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CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO-

Date form received by agency: 08/18/1980
Site name: US NAVAL AIR PROPULSION CENTER
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

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NAVAL AIR WARFARE CTR (Continued)

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METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO-

Corrective Action Summary:

Event date: 01/25/1994
Event: RFA COMPLETED

Event date: 09/14/1995
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 09/14/1995
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Manifest

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NAVAL AIR WARFARE CTR (Continued)

1015735350

Date violation determined: 06/28/1993
Date achieved compliance: 07/07/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/03/1993
Date achieved compliance: 06/28/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 05/03/1993
Date achieved compliance: 06/28/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/12/1990
Date achieved compliance: 07/03/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/24/1989

Map ID
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MAP FINDINGS

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NAVAL AIR WARFARE CTR (Continued)

1015735350

Date achieved compliance: 10/31/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/30/1989
Date achieved compliance: 07/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/30/1999
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/23/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/07/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 07/07/1993
Evaluation lead agency: State

Evaluation date: 06/28/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 06/28/1993
Evaluation lead agency: State

Evaluation date: 06/28/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Manifest
Date achieved compliance:	07/07/1993
Evaluation lead agency:	State
Evaluation date:	06/28/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Manifest
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	05/03/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	05/03/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Manifest
Date achieved compliance:	06/28/1993
Evaluation lead agency:	State
Evaluation date:	04/30/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/25/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/12/1990
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	07/03/1990
Evaluation lead agency:	State
Evaluation date:	08/24/1989
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	10/31/1989
Evaluation lead agency:	EPA
Evaluation date:	07/10/1989
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	05/30/1989
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	07/10/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CTR (Continued)

1015735350

Evaluation lead agency: State

Evaluation date: 07/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/18/1985
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 07/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/30/1987
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/31/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

H52
South
1/4-1/2
0.263 mi.
1390 ft.

MOBIL S/S #15-KTC
W UPPER FERRY RD & GRAND AVE
EWING TWP, NJ

NJ HIST LUST

S104388173
N/A

Site 2 of 3 in cluster H

Relative:
Lower
Actual:
161 ft.

LUST HIST:
Case ID: 89-10-05-0738
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0037875
TMS Number: C91-3370, C91-3439, S91-3502
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: Stephen Urbanik
Facility Phone: (609) 984-7909
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

53
South
1/4-1/2
0.266 mi.
1403 ft.

WEST TRENTON VOLUNTEER FIRE COMPANY
40 WEST UPPER FERRY ROAD
WEST TRENTON, NJ

NJ HIST LUST

S104386330
N/A

Relative:
Lower
Actual:
159 ft.

LUST HIST:
Case ID: Not reported
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
UST ID: 0026688
TMS Number: N98-1683
Remedial Level: Site has 1 area of concern with 1 media of concern.
Case Manager: Maria Brimat
Facility Phone: (609) 633-8110
No Further Action: 6/2/1999 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST TRENTON VOLUNTEER FIRE COMPANY (Continued)

S104386330

RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

54
East
1/4-1/2
0.266 mi.
1404 ft.

EWING TWP COMPLEX
2 JAKE GARZIO DR
EWING TWP, NJ 08628

NJ LUST
NJ NJEMS
NJ Release
NJ AIRS
NJ NPDES

S106657647
N/A

Relative:
Lower
Actual:
167 ft.

LUST:
Case ID: 032655
Activity Number: LSR170001

NJEMS:
Site Id: 224107
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 405069
Y Coord: 518369
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Approx. Addr. Match
Coord Orign: Submittal Document
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:
Facility Type: Residential
Facility Phone: Not reported
Incident Date: 07/07/2002
Incident Time: Not reported
Trenton Dispatch Log Number: 26251
Case Number: 02-07-07-0928-00
Date Received: 07/07/2002
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Fish & Wildlife
Incident Location: EWING POLICE HQ
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWING TWP COMPLEX (Continued)

S106657647

Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	07/07/2002
Reporter Type:	Municipal Rep.
Reporter Name:	REDACTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWING TWP COMPLEX (Continued)

S106657647

Reporter Title: REDACTED
Reporter Org: REDATED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Continuous
Incident Category: Other
Incident Source: UNKNOWN
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Yes
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

AIRS:

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN080001
Active Type Description: (GP-005) Emergency Generator
Document Status: Auto-Killed
Expiration Date: 07/27/2017
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWING TWP COMPLEX (Continued)

S106657647

Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN110001
Active Type Description: (GP-014) Stage 1 Gasoline Dispensing
Document Status: Auto-Killed
Expiration Date: 12/20/2016
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN160001
Active Type Description: (GP-017) Boilers < 5 MMBTU/hr
Document Status: Approved
Expiration Date: 01/05/2022
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN980003
Active Type Description: (GP-006) Boiler
Document Status: Auto-Killed
Expiration Date: 08/31/2013
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWING TWP COMPLEX (Continued)

S106657647

Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN980001
Active Type Description: (GP-006) Boiler
Document Status: Auto-Killed
Expiration Date: 08/31/2013
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN980002
Active Type Description: (GP-005) Emergency Generator
Document Status: Superseded (Archived)
Expiration Date: 08/31/2008
Active Flag: Y

Emission Year: Not reported
Facility Number: 61012
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 407828
Y Coordinate: 525659
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN180001
Active Type Description: (GP-004B) Fuel Dispensing Facility - Phase 1 Only
Document Status: Approved
Expiration Date: 05/07/2023
Active Flag: Y

NJPDES:

NJPDES Permit Number: NJG0154393
Facility Telephone: Not reported
Facility Contact: Titus Magnanao
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: R9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWING TWP COMPLEX (Continued)

S106657647

Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 407828
Site X Coordinate: 525659
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Tier A Municipal Stormwater General Permit
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported
Date Final Permit Effective: 01/01/2018
Date Final Permit Expires: 12/31/2022
PI Number: 191114
Regional Office: Central
Permit Category: Not reported

NJPDES Permit Number: NJG0154393
Facility Telephone: Not reported
Facility Contact: Titus Magnanao
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: R9
Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 407828
Site X Coordinate: 525659
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Tier A Municipal Stormwater General Permit
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported
Date Final Permit Effective: 01/01/2018
Date Final Permit Expires: 12/31/2022
PI Number: 191114
Regional Office: Central
Permit Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H55
South
1/4-1/2
0.282 mi.
1491 ft.
Site 3 of 3 in cluster H

NJ HIST HWS
NJ LUST
NJ UST
NJ INST CONTROL
NJ NJEMS
U000355210
N/A

Relative:
Lower

HIST SHWS:

Actual:
163 ft.

Case Status: **Active**
Status Date: 4/29/1992
Case ID: 003787
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 403068
Y Coordinate: 521760
Coordinate System: NJ State Plane (NAD83) - USFEET

LUST:

Case ID: 003787
Activity Number: LSR100001

UST:

Facility ID: 003787

Contact:

Owner Name: AMJAD ALI
Organization: AMJAD ALI
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 577 GRAND AVE
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Ewing, NJ 08638

Owner Name: REBECCA HERBERT
Organization: LUKOIL NORTH AMERICA LLC
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 302 HARPER DR - SUITE 303
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Moorestown, NJ 08057

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **In-use**
Tank Status Date: 10/01/1983
Install Date: 10/01/1983
Tank Contents: Unleaded Gasoline
Tank Size: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring

Tank Id: TANK-2
Tank Number: E2
Tank Status: In-use
Tank Status Date: 10/01/1983
Install Date: 10/01/1983
Tank Contents: Unleaded Gasoline
Tank Size: 8000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring

Tank Id: TANK-3
Tank Number: E3
Tank Status: In-use
Tank Status Date: 10/01/1983
Install Date: 10/01/1983
Tank Contents: Unleaded Gasoline
Tank Size: 6000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Tightness Test
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring

Tank Id: TANK-4
Tank Number: E4
Tank Status: Removed
Tank Status Date: 09/01/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

Install Date: 01/01/1963
Tank Contents: Waste Oil
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-5
Tank Number: 00E4
Tank Status: Removed
Tank Status Date: 11/15/1991
Install Date: 01/01/1990
Tank Contents: Waste Oil
Tank Size: 1000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

NJ INSTITUTIONAL CONTROL:

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Benzene
CEA Case Track #: 4601
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Benzene
CEA Case Track #: 92587
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Benzene
CEA Case Track #: 92588
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Benzene
CEA Case Track #: 156163
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Benzene
CEA Case Track #: Not reported
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Ethylbenzene
CEA Case Track #: 4601
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Ethylbenzene
CEA Case Track #: 92587
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Ethylbenzene
CEA Case Track #: 92588
CEA Duration: 8.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Ethylbenzene
CEA Case Track #: 156163
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Ethylbenzene
CEA Case Track #: Not reported
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Tert-butyl alcohol
CEA Case Track #: 4601
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Tert-butyl alcohol
CEA Case Track #: 92587
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Tert-butyl alcohol
CEA Case Track #: 92588
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Tert-butyl alcohol
CEA Case Track #: 156163

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Tert-butyl alcohol
CEA Case Track #: Not reported
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Toluene
CEA Case Track #: 4601
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Toluene
CEA Case Track #: 92587
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Toluene
CEA Case Track #: 92588
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Toluene
CEA Case Track #: 156163
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

PI Name: LUKOIL #57324
CEA Description (SI): Toluene
CEA Case Track #: Not reported
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Xylene (m- + p-)
CEA Case Track #: 4601
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Xylene (m- + p-)
CEA Case Track #: 92587
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Xylene (m- + p-)
CEA Case Track #: 92588
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Xylene (m- + p-)
CEA Case Track #: 156163
CEA Duration: 8.00
Intermediate Durations: No

Facility ID: 6611
Date Established (SI): 03/04/2016
Date Closed/Lifted (SI): Not reported
PI Number: 003787
PI Name: LUKOIL #57324
CEA Description (SI): Xylene (m- + p-)
CEA Case Track #: Not reported
CEA Duration: 8.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKOIL #57324 (Continued)

U000355210

NJEMS:

Site Id: 6611
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 403068
Y Coord: 521760
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GPS
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

**56
SSE
1/4-1/2
0.308 mi.
1625 ft.**

**FLIGHT SERV LLC
601 JACK STEPHAN WAY
EWING TWP, NJ**

**NJ SHWS S109296392
N/A**

**Relative:
Lower
Actual:
156 ft.**

SHWS:
Site ID: 17125
Status: Closed
Home Owner: No
PI Number: 004244

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

**157
SSE
1/4-1/2
0.315 mi.
1662 ft.**

**NAVAL AIR WARFARE CENTER
1440 PARKWAY AVE
EWING TWP, NJ 08628
Site 1 of 2 in cluster I**

**NJ SHWS U000356860
NJ HIST HWS N/A
NJ UST
NJ ENG CONTROLS
NJ INST CONTROL
NJ VCP
NJ BROWNFIELDS
NJ NJEMS
NJ Release
NJ SPILLS**

**Relative:
Lower
Actual:
153 ft.**

SHWS:
Site ID: 15829
Status: Active
Home Owner: No
PI Number: 006048

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **Active**
Status Date: 4/1/1992
Case ID: 006048
Contact: Bureau of Case Management
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: D
Classification exception area dt: Ongoing
Classification exception area dt: 6/6/2000
Deed Notice Status: Ongoing
Deed Notice Date: Not reported
Engineering Control Status: Ongoing
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 404545
Y Coordinate: 522821
Coordinate System: NJ State Plane (NAD83) - USFEET

UST:

Facility ID: 006048

Contact:

Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Not reported

Owner Name: TIM SMITH
Organization: NAVAL AIR WARFARE CNT
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 1440 PARKWAY AVE
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Trenton, NJ 08628

Tanks:

Tank Id: TANK-1
Tank Number: A3
Tank Status: **Removed**
Tank Status Date: 03/03/1993
Install Date: 01/01/1962
Tank Contents: Other
Tank Size: 1000
Tank Compliance: No
Overfill: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-10
Tank Number: C5
Tank Status: Removed
Tank Status Date: 03/03/1993
Install Date: 01/01/1983
Tank Contents: Aviation Fuel
Tank Size: 2000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-11
Tank Number: E10
Tank Status: Removed
Tank Status Date: 03/08/1993
Install Date: 01/01/1971
Tank Contents: Aviation Fuel
Tank Size: 55
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-12
Tank Number: E11
Tank Status: Removed
Tank Status Date: 03/08/1993
Install Date: 01/01/1951
Tank Contents: Emergency Spill Tank
Tank Size: 500
Tank Compliance: No
Overfill: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-13
Tank Number: E4
Tank Status: **Removed**
Tank Status Date: 03/03/1993
Install Date: 01/01/1983
Tank Contents: Unleaded Gasoline
Tank Size: 5000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-14
Tank Number: E6
Tank Status: **Removed**
Tank Status Date: 12/03/1997
Install Date: 01/01/1979
Tank Contents: Other
Tank Size: 3760
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-15
Tank Number: E8
Tank Status: **Removed**
Tank Status Date: 03/10/1993
Install Date: 01/01/1952
Tank Contents: Aviation Fuel
Tank Size: 5000
Tank Compliance: No
Overfill: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-16
Tank Number: E9
Tank Status: Removed
Tank Status Date: 03/01/1990
Install Date: 01/01/1951
Tank Contents: Leaded Gasoline
Tank Size: 550
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-17
Tank Number: M01
Tank Status: Removed
Tank Status Date: 11/06/1997
Install Date: 01/01/1970
Tank Contents: Other
Tank Size: 800
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-18
Tank Number: M02
Tank Status: Abandoned in Place
Tank Status Date: 05/05/1998
Install Date: 01/01/1954
Tank Contents: Other
Tank Size: 3000
Tank Compliance: No
Overfill: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-19
Tank Number: M03
Tank Status: **Removed**
Tank Status Date: 10/30/1997
Install Date: 01/01/1974
Tank Contents: Other
Tank Size: 6000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: A7
Tank Status: **Removed**
Tank Status Date: 03/03/1993
Install Date: 01/01/1973
Tank Contents: Other
Tank Size: 850
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-20
Tank Number: M04
Tank Status: **Removed**
Tank Status Date: 11/10/1997
Install Date: 01/01/1986
Tank Contents: Other
Tank Size: 67
Tank Compliance: No
Overfill: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-21
Tank Number: 0E11
Tank Status: Abandoned in Place
Tank Status Date: 01/01/1961
Install Date: 01/01/1961
Tank Contents: Other
Tank Size: 970
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: A8
Tank Status: Removed
Tank Status Date: 03/08/1993
Install Date: 01/01/1951
Tank Contents: Emergency Spill Tank
Tank Size: 500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: C1
Tank Status: Removed
Tank Status Date: 03/01/1988
Install Date: 01/01/1944
Tank Contents: Other
Tank Size: 25000
Tank Compliance: No
Overfill: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-5
Tank Number: C10
Tank Status: **Removed**
Tank Status Date: 08/01/1990
Install Date: 01/01/1985
Tank Contents: Unleaded Gasoline
Tank Size: 55
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-6
Tank Number: C11
Tank Status: **Removed**
Tank Status Date: 08/01/1990
Install Date: 01/01/1985
Tank Contents: Unleaded Gasoline
Tank Size: 55
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-7
Tank Number: C12
Tank Status: **Removed**
Tank Status Date: 08/01/1990
Install Date: 01/01/1985
Tank Contents: Unleaded Gasoline
Tank Size: 55
Tank Compliance: No
Overfill: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-8
Tank Number: C13
Tank Status: Removed
Tank Status Date: 03/11/1993
Install Date: 01/01/1966
Tank Contents: Aviation Fuel
Tank Size: 1000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-9
Tank Number: C2
Tank Status: Removed
Tank Status Date: 01/01/1944
Install Date: 01/01/1944
Tank Contents: Other
Tank Size: 25000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

NJ ENGINEERING CONTROLS:

Site ID: 15829
Pi Number: 006048
Pi Name: NAVAL AIR WARFARE CENTER
Owner Name: Lewandowski, Robert
DER Filed Date: 05/07/2002
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Not reported
Deeds Parameter Desc: Base/neutrals and acids

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Deeds Depth: 999.00
Comments: Not reported

Site ID: 15829
Pi Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
Owner Name: Lewandowski, Robert
DER Filed Date: 05/07/2002
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Not reported
Deeds Parameter Desc: Metals
Deeds Depth: 999.00
Comments: Not reported

Site ID: 15829
Pi Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
Owner Name: Lewandowski, Robert
DER Filed Date: 05/07/2002
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Not reported
Deeds Parameter Desc: Volatile organics
Deeds Depth: 999.00
Comments: Not reported

NJ INSTITUTIONAL CONTROL:

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Aluminum
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Aluminum
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Aluminum
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Aluminum
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Barium
CEA Case Track #: 7310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Barium
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Barium
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Barium
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Benzene
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Benzene
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Benzene
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Benzene
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Bromodichloromethane
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Bromodichloromethane
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Bromodichloromethane
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Bromodichloromethane
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chloroform
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chloroform
CEA Case Track #: 7320
CEA Duration: 30.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chloroform
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chloroform
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chromium
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chromium
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Chromium
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

CEA Description (SI): Chromium
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethene (1,2-) (trans)
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethene (1,2-) (trans)
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethene (1,2-) (trans)
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Dichloroethene (1,2-) (trans)
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Ethylidene dichloride
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Ethylidene dichloride
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Ethylidene dichloride
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Ethylidene dichloride
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Iron, pentacarbonyl-
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Iron, pentacarbonyl-
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Iron, pentacarbonyl-
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Iron, pentacarbonyl-
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Lead
CEA Case Track #: 7310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Lead
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Lead
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Lead
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Manganese
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Manganese
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Manganese
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Manganese
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Mercury
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Mercury
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Mercury
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Mercury
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Nickel
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Nickel
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Nickel
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Nickel
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 7320
CEA Duration: 30.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethylene
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethylene
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethylene
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Trichloroethylene
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinyl chloride
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinyl chloride
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinyl chloride
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinyl chloride
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 7310
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 7320
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 78246
CEA Duration: 30.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Facility ID: 15829
Date Established (SI): 06/06/2000
Date Closed/Lifted (SI): Not reported
PI Number: 006048
PI Name: NAVAL AIR WARFARE CENTER
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 134070
CEA Duration: 30.00
Intermediate Durations: No

VCP:

Incident Number: 03-02-03-0949-15
MOA Execution Date: 07/10/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization N & H Mercer Realty LLC
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

BROWNFIELDS:

Price: Not reported
Assessed Value: Not reported
Property Size: Unknown
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported
Submitter Phone: Not reported
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 7422
X Coordinate: 404545
Y Coordinate: 522821
Coord: 404545:522821
AutoID: Not reported
Ownership Type: unknown
Ownership: DEP Case
PStatus: No Longer Brownfield
PI Number: 006048
Owner Name: LORI STOPYRA
Owner Address + Owner Street: 1000 EASTON RD
Owner City: WYNCOTE
Owner State: PA
Owner Zip Code: 19095
Owner County: Not reported

Map ID
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MAP FINDINGS

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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	N&H Mercer Realty
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Block:	Not reported
Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	Yes
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,4/1/1992 2) D: Multi-Phased RA - Multiple Source/Release to Multi-Media Including GW established 4/1/1992
County_int_FK:	11
Municipality_int_FK:	286
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Duplicate of #577. This large property is located directly from the former GM Plant. It is in close proximity to major highways and a freight line. This property has great potential.

NJEMS:

Site Id:	15829
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	404545
Y Coord:	522821
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	GPS
Coord Origin:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102

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MAP FINDINGS

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Database(s)

EDR ID Number
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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type: Commercial
Facility Phone: 609-538-6677
Incident Date: 08/04/1992
Incident Time: 1500
Trenton Dispatch Log Number: 12773
Case Number: 92-8-5-0925-34
Date Received: 08/05/1992
Nature of Incident: Facility
Operator: JOYCE
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): CFC 12, FREON # 23
Substance Type: Gas
Substance Identity: Known
CAS Number: 75467
A310 Letter: Yes
TCPA Chemical: No
Hazrds Material: Yes
COMU: 1102
Ref. Code: 002
Amt Released: 11,000 LBS
Contained: No
Release Type: Terminated
Release VE: Estimate
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Air
Receiving Water: Not reported
Status at Spill: SUSPECTED PINHOLE LEAK IN REFRIGERATION SYSTEM. LAST INSPECTION OF UNIT WAS 6/20/92, PRODUCT HAS POSSIBLY BEEN LEAKING SINCE THAT TIME.
NJ Spill Date: 1992-08-05 00:00:00
NJ Spill Time: 0931
NJ Spill Name: NJSP-OEM
NJ Spill Title: LT. DOMBROSKI
NJ Spill Phone: 609-882-2000

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MAP FINDINGS

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Database(s)

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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	ROCHE
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	08/05/1992
Local Municipality Time:	0954
Incident Description:	Air Release
Incident Name:	PAT DIGANGI
Incident Referred To:	DRPSR
Incident Region:	ER2
Incident Telephone:	Office,Faxed
Incident Date:	08/05/1992
Incident time:	0929
Incident ITM:	B
Incident Name:	Not reported
Incident Referred To:	OEP-AIR
Incident Region:	Central
Incident Telephone:	Faxed
Incident Date:	1992-08-05 00:00:00
Incident Time:	Not reported
Incident ITM:	T
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE

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MAP FINDINGS

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Database(s)

EDR ID Number
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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENV CO-ORD
Responsible Party Phone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Industrial
Facility Phone:	Not reported
Incident Date:	03/10/1993
Incident Time:	0750
Trenton Dispatch Log Number:	3511
Case Number:	93-3-10-0851-29
Date Received:	03/10/1993
Nature of Incident:	Other
Operator:	DAVE
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Other
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	OIL JP #4
Substance Type:	Liquid
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	Yes
TCPA Chemical:	No
Hazrds Material:	Yes
COMU:	1102
Ref. Code:	101
Amt Released:	UNK
Contained:	Yes
Release Type:	Terminated
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Receiving Water:	Not reported
Status at Spill:	SOIL CONTAMINATION FOUND AS A RESULT OF REMOVAL OF 1-5000 GAL UST. GOLD SEAL TO DO CLEANUP.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported

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MAP FINDINGS

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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP 4
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	03/10/1993
Local Municipality Time:	0854
Incident Description:	L.U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Telephone:	Not reported
Incident Date:	03/10/1993
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE
Responsible Party Contact:	CHRIS ELLIOT
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported

Map ID
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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Hazardous: Not reported

NJ SPILL:

Trenton Dispatch Log Number: 11502
Case Number: 93-7-9-1226-09
Notify Type: Not reported
Date Received: 07/09/1993
Location: Facility
Other Location: Not reported
Incident Date: 07/09/1993
Incident Time: 1155
A310 Letter: Yes
Ref. Code: 101
COMU: 1102
CAS Number: 107211
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Industrial
Facility Phone: 609-538-6677
Substance(s): ETHYLENE GLYCOL
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: Yes
Amnt Released: 2 GAL
Release VE: Estimate
Contained: Yes
Release Type: Terminated
Incident Desc: Spill
Status at Spill: SPILL DUE TO LEAKING PIPE. CLEANUP IN PROGRESS.
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Phone: Not reported
Injuries: No
Public Exposure: No
Road Closed: Not reported
Facility Evacuation: No
Receiving Water: Not reported
Public Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Land
Nature of Incident: Facility
Wind Direction/Speed: Not reported
Assistance Requested: No
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Operator: JOYCE
Contact Name: Not reported
Caller Name: REDACTED

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EDR ID Number
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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE
Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENV.ENG.
Responsible Party Telephone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP. #108
Local Municipality Phone:	609-882-1313
Local Municipality Date:	07/09/1993
Local Municipality Time:	1230
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Faxed,Mailed
Incident Date:	07/09/1993
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	6228
Case Number:	94-4-15-1010-36
Notify Type:	Not reported
Date Received:	04/15/1994
Location:	Facility
Other Location:	Not reported

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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Incident Date:	04/15/1994
Incident Time:	1004
A310 Letter:	Yes
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	609-538-6986
Substance(s):	OIL MOTOR
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	8 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	SPILL FROM EQUIPMENT AT FACILITY,CLEANUP BEING DONE.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOES
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE
Responsible Party Contact:	SCOTT BERNOTES
Responsible Party Title:	ENV MGR
Responsible Party Telephone:	609-538-6986

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Database(s)

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NAVAL AIR WARFARE CENTER (Continued)

U000356860

Responsible Party Street: 1440 PARKWAY AVE
Responsible Party Municipality: EWING TWP
Responsible Party State: NJ
Responsible Party Zip: Not reported
Responsible City,St,Zip: EWING TWP, NJ
Responsible Party County: MERCER
Local Municipality: Not reported
Local Municipality Name: EWING TWP
Local Municipality Title: DISP 9
Local Municipality Phone: 609-882-1313
Local Municipality Date: 04/15/1994
Local Municipality Time: 1013
Incident Name: Not reported
Incident Referred To: DRPSR
Incident Region: BFO-CAS
Incident Phone: Faxed,Mailed
Incident Date: 04/15/1994
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

Trenton Dispatch Log Number: 19091
Case Number: 92-11-28-1532-42
Notify Type: Not reported
Date Received: 11/28/1992
Location: Facility
Other Location: Not reported
Incident Date: 11/28/1992
Incident Time: 1400
A310 Letter: Yes
Ref. Code: 101
COMU: 1102
CAS Number: 79016
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Industrial

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Facility Phone:	609-538-6813
Substance(s):	TRICHLOROETHYLENE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	20 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	DURING EQUIPMENT TESTING AIR FORCED PRODUCT THROUGH VENT PIPE. PRODUCT OVERFLOWED INTO CONTAINMENT AREA. CLEANUP DONE.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOYCE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CT
Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENV ENG
Responsible Party Telephone:	609-538-6813
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP

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Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Local Municipality Title:	DISP SPARANO
Local Municipality Phone:	609-882-1313
Local Municipality Date:	11/28/1992
Local Municipality Time:	1538
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Faxed,Mailed
Incident Date:	11/28/1992
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	5354
Case Number:	92-4-2-1413-17
Notify Type:	Not reported
Date Received:	04/02/1992
Location:	Facility
Other Location:	Not reported
Incident Date:	04/02/1992
Incident Time:	1030
A310 Letter:	Yes
Ref. Code:	016
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Industrial
Facility Phone:	609-538-6677
Substance(s):	OIL HYDRAULIC
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	20-25 GAL
Release VE:	Estimate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	PRODUCT DISCHARGED FROM BROKEN SEAL ON HYDRAULIC CYLINDER.CLEANUP IN PROGRESS.
NJ Spill Date:	1992-04-02 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	Not reported
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	NONE
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	CARM
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR W.CTR
Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENVIRON ENG.
Responsible Party Telephone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	#92 PATROLMAN
Local Municipality Phone:	609-882-1313
Local Municipality Date:	04/02/1992
Local Municipality Time:	1419
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	Central
Incident Phone:	Faxed,Mailed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Incident Date: 04/02/1992
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

Trenton Dispatch Log Number: 8489
Case Number: 92-5-28-1427-30
Notify Type: Not reported
Date Received: 05/28/1992
Location: Facility
Other Location: Not reported
Incident Date: 05/28/1992
Incident Time: 1400
A310 Letter: Yes
Ref. Code: 016
COMU: 1102
CAS Number: Not reported
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Industrial
Facility Phone: 609-538-6677
Substance(s): OIL FUEL #6
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: Yes
Amnt Released: 25 GAL
Release VE: Estimate
Contained: Yes
Release Type: Terminated
Incident Desc: Spill
Status at Spill: HOSE FAILURE CAUSED SPRAY SPILL ONTO GRASS AREA AND CONCRETE UNDER TRUCK, CLEANUP BY OIL COMPANY PEOPLE
NJ Spill Date: 1992-05-28 00:00:00
NJ Spill Time: Not reported
NJ Spill Name: OEM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

NJ Spill Title:	Not reported
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	RICH
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	G & G TRANSPORT CO
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP DUNCAN
Local Municipality Phone:	609-882-1313
Local Municipality Date:	05/28/1992
Local Municipality Time:	1431
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	Central
Incident Phone:	Faxed,Mailed
Incident Date:	05/28/1992
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	4920
Case Number:	93-3-30-1208-04
Notify Type:	Not reported
Date Received:	03/30/1993
Location:	Facility
Other Location:	Not reported
Incident Date:	03/30/1993
Incident Time:	0900
A310 Letter:	Yes
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Industrial
Facility Phone:	609-538-6677
Substance(s):	DETONATION SPRAY WATER, WATER, WASTE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Unknown
Amnt Released:	800 GALS
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	UNDERGROUND 12 INCH MAIN RUPTURED CAUSING SPILL. REPAIRS ARE BEING MADE. CLEAN UP IS ALSO IN PROGRESS.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	NONE
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	ROGER
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE
Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENV.ENG.
Responsible Party Telephone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPR.9
Local Municipality Phone:	609-882-1313
Local Municipality Date:	03/30/1993
Local Municipality Time:	1215
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Faxed
Incident Date:	03/30/1993
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

Trenton Dispatch Log Number: 14843
Case Number: 93-8-31-1214-24
Notify Type: Not reported
Date Received: 08/31/1993
Location: Facility
Other Location: Not reported
Incident Date: 08/31/1993
Incident Time: 1155
A310 Letter: Yes
Ref. Code: 101
COMU: 1102
CAS Number: Not reported
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Industrial
Facility Phone: 609-538-6677
Substance(s): OIL TRANSFORMER UNK PCB
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: Yes
Amnt Released: 1-2 GAL
Release VE: Estimate
Contained: Yes
Release Type: Terminated
Incident Desc: Spill
Status at Spill: SPILL ONTO GROUND AROUND TRANSFORMER FROM BUSHING LEAK, CLEANUP BEING DONE BY FACILITY

NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Phone: Not reported
Injuries: No
Public Exposure: No
Road Closed: Not reported
Facility Evacuation: No
Receiving Water: Not reported
Public Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Land

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	RICH
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE
Responsible Party Contact:	JEFF DALE
Responsible Party Title:	ENV ENGR
Responsible Party Telephone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPER 65
Local Municipality Phone:	609-882-1313
Local Municipality Date:	08/31/1993
Local Municipality Time:	1222
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Faxed,Mailed
Incident Date:	08/31/1993
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Confidential:	Not reported
Trenton Dispatch Log Number:	7333
Case Number:	93-5-4-1426-35
Notify Type:	Not reported
Date Received:	05/04/1993
Location:	Facility
Other Location:	Not reported
Incident Date:	05/04/1993
Incident Time:	1415
A310 Letter:	Yes
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Industrial
Facility Phone:	609-538-6986
Substance(s):	WATER, WASTE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Unknown
Amnt Released:	400 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	SPILL DUE TO RUPTURED PRESSURE LINE THAT COOLS THE EXHAUST FROM JET ENGINE TESTS. REPAIR/CLEANUP IN PROGRESS.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOYCE
Contact Name:	Not reported
Caller Name:	REDACTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE
Responsible Party Contact:	LT.SCOTT BERNOTAS
Responsible Party Title:	ENV.OFC.PWIE
Responsible Party Telephone:	609-538-6986
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	PT. ROCHE
Local Municipality Phone:	609-882-1313
Local Municipality Date:	05/04/1993
Local Municipality Time:	1445
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Faxed,Mailed
Incident Date:	05/04/1993
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	2855
Case Number:	93-2-25-2049-00
Notify Type:	Not reported
Date Received:	02/25/1993
Location:	Facility
Other Location:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Incident Date:	02/25/1993
Incident Time:	1900
A310 Letter:	No
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Industrial
Facility Phone:	609-538-6986
Substance(s):	WATER, WASTE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	No
Amnt Released:	1,000 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	BROKEN LINE CAUSED SPILL. CLEANUP IN PROGRESS.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Other
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	PAT
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NAVAL AIR WARFARE CE
Responsible Party Contact:	LT BERNOTAS
Responsible Party Title:	LT.
Responsible Party Telephone:	609-538-6986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

U000356860

Responsible Party Street: 1440 PARKWAY AVE
Responsible Party Municipality: EWING TWP
Responsible Party State: NJ
Responsible Party Zip: Not reported
Responsible City,St,Zip: EWING TWP, NJ
Responsible Party County: MERCER
Local Municipality: Not reported
Local Municipality Name: Not reported
Local Municipality Title: Not reported
Local Municipality Phone: Not reported
Local Municipality Date: Not reported
Local Municipality Time: Not reported
Incident Name: Not reported
Incident Referred To: DRPSR
Incident Region: BFO-SA
Incident Phone: Faxed,Mailed
Incident Date: 02/25/1993
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

I58
SSE
1/4-1/2
0.315 mi.
1662 ft.

NAVAL AIR WARFARE CENTER
1440 PARKWAY AVENUE
EWING TWP, NJ

Site 2 of 2 in cluster I

NJ SWF/LF S105312712
NJ Release N/A

Relative:
Lower

SWF/LF:
Status: REMOVED
Date Closed: 0
Facility ID: Not reported
Old Id: Not reported
CSL Id: NJ9170022694
Block Number: Not reported
Lot Number: Not reported
Private Or Government: Government
On NPL (Super Fund) List: False

Actual:
153 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

S105312712

Commercial Or Sole Source: Not reported
Pinelands: Not reported
Watershed Zone: 11
NJPDES Number: Not reported
Acreage: Not reported
Properly Closed: True
Waste Types Accepted: Not reported
Telephone Number: Not reported

NJ Release:

Facility Type: Industrial
Facility Phone: 609-538-6677
Incident Date: 10/27/1992
Incident Time: 1500
Trenton Dispatch Log Number: 17407
Case Number: 92-10-27-1528-54
Date Received: 10/27/1992
Nature of Incident: Facility
Operator: ROGER
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): SCRUBBER WATER, WATER, WASTE
Substance Type: Liquid
Substance Identity: Known
CAS Number: Not reported
A310 Letter: Yes
TCPA Chemical: No
Hazrds Material: Unknown
COMU: 1102
Ref. Code: 101
Amt Released: UNKNOWN
Contained: Yes
Release Type: Terminated
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Air, Land
Receiving Water: NONE
Status at Spill: ABOVE MATERIAL WAS DISCHARGED DUE TO VALVE FAILURE. RELEASE IS TERMINATED

NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

S105312712

Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP.9
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	10/27/1992
Local Municipality Time:	1536
Incident Description:	Equip Upset
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Telephone:	Faxed
Incident Date:	10/27/1992
Incident time:	Not reported
Incident ITM:	T
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	N.A.W.C.
Responsible Party Contact:	KEN SMITH
Responsible Party Title:	ENV.ENG.
Responsible Party Phone:	609-538-6677
Responsible Party Street:	1440 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

S105312712

Hazardous:	Not reported
Facility Type:	Industrial
Facility Phone:	609-538-6487
Incident Date:	04/22/1994
Incident Time:	0945
Trenton Dispatch Log Number:	6705
Case Number:	94-4-22-0948-10
Date Received:	04/22/1994
Nature of Incident:	Facility
Operator:	ROGER
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	FREON 22
Substance Type:	Gas
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	Yes
TCPA Chemical:	No
Hazrds Material:	Yes
COMU:	1102
Ref. Code:	002
Amt Released:	1,000 LBS
Contained:	No
Release Type:	Continuous
Release VE:	Potential
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Air
Receiving Water:	Not reported
Status at Spill:	VALVE MALFUNCTION CAUSE OF RELEASE. REPAIR CREW IS ATTEMPTING TO TERMINATE RELEASE.
NJ Spill Date:	1994-04-22 00:00:00
NJ Spill Time:	0952
NJ Spill Name:	OEM
NJ Spill Title:	LT.DOMBROSKI
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAVAL AIR WARFARE CENTER (Continued)

S105312712

Local Municipality Name: EWING TWP
Local Municipality Title: OPR 70
Local Municipality Telephone: 609-882-1313
Local Municipality Date: 04/22/1994
Local Municipality Time: 0953
Incident Description: Air Release
Incident Name: F.STOOP
Incident Referred To: DRPSR
Incident Region: ER2
Incident Telephone: Office,Faxed
Incident Date: 04/22/1994
Incident time: 0950
Incident ITM: T
Incident Name: Not reported
Incident Referred To: OEP-AIR
Incident Region: Central
Incident Telephone: Faxed
Incident Date: 1994-04-22 00:00:00
Incident Time: Not reported
Incident ITM: T
Comments: Not reported
Date A310 Letter Printed: 1994-04-22 00:00:00
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: 1994-04-22 00:00:00
Local Authority Notification Date: Not reported
Rep Receive Date: Not reported
Reporter Type: Not reported
Reporter Name: Not reported
Reporter Title: Not reported
Reporter Org: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Known
Responsible Party Name: N.A.W.C.
Responsible Party Contact: STEVE ARKUS
Responsible Party Title: ENV NEG TRNG
Responsible Party Phone: 609-538-6487
Responsible Party Street: 1440 PARKWAY AVE
Responsible Party County: MERCER
Responsible Party City,St,Zip: EWING TWP, NJ
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

59
South
1/4-1/2
0.315 mi.
1664 ft.

3 HINCKLE AVENUE
3 HINCKLE AVE
EWING TWP, NJ

NJ SHWS
NJ SPILLS

S121182975
N/A

Relative:
Lower

SHWS:

Site ID: 606649
Status: Closed
Home Owner: Yes
PI Number: 763792

Actual:
163 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ SPILL:

Trenton Dispatch Log Number: 645341
Case Number: 17-07-05-1047-39
Notify Type: Not reported
Date Received: 07/05/2017
Location: Not reported
Other Location: Not reported
Incident Date: 07/03/2017
Incident Time: Not reported
A310 Letter: Not reported
Ref. Code: Not reported
COMU: Not reported
CAS Number: Not reported
Hazardous: Not reported
Incident Location: RESIDENCE
Facility Type: Residential
Facility Phone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
Amnt Released: Not reported
Release VE: Not reported
Contained: Not reported
Release Type: Not reported
Incident Desc: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Phone: Not reported
Injuries: No
Public Exposure: No
Road Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3 HINCKLE AVENUE (Continued)

S121182975

Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	REDACTED
Reporter Type:	Citizen Complaint
Rep Received Date:	07/05/2017
Reporter Title:	REDACTED
Reporter Orgzn:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Spill
Incident Status:	Terminated
Incident Category:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3 HINCKLE AVENUE (Continued)

S121182975

Incident Source: PHILIP PAPPANO
Incident Address: 10 ORCHARD AVE
Incident Address 2: Not reported
Incident City,St,Zip: Pennington Boro, NJ
Incident County: Mercer
DEP Requested: No
Confidential: Not reported

60
SSW
1/4-1/2
0.316 mi.
1669 ft.

37 SUNSET AVENUE
37 SUNSET AVE
EWING TWP, NJ 08628

NJ SHWS
NJ VCP
NJ NJEMS

S108063446
N/A

Relative:
Lower
Actual:
156 ft.

SHWS:
Site ID: 219442
Status: Closed
Home Owner: Yes
PI Number: 286444

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 05-10-20-1222-08
MOA Execution Date: 04/24/2006
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 219442
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 401597
Y Coord: 521377
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

37 SUNSET AVENUE (Continued)

S108063446

Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

61
NE
1/4-1/2
0.338 mi.
1783 ft.

CREST ULTRASONICS CORP @ MERCER CNTY AIRPORT
SCOTCH RD
EWING TWP, NJ 08628

NJ NJEMS S108780945
NJ ISRA N/A

Relative:
Higher

Actual:
205 ft.

NJEMS:
Site Id: 32334
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 405226
Y Coord: 528176
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GPS
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105240
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105240020
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Shabakunk Creek WB
Watershed Name From Spatial Overlay: Assunpink Creek (below Shipetaukin Ck)

NJ ISRA:

Pi Number: 450101
Action Number: ISR070001
Title: E20070321 CREST ULTRASONICS
Isra Trg: Finalized Date 10/2/2007
Start Date: 10/02/2007
Case Status: Assigned to Program
Case No: E20070321
Case Name: CREST ULTRASONICS
Trigger Type: Business Sale
Trigger Date: 10/02/2007

Pi Number: 450101
Action Number: ISR070001
Title: E20070321 CREST ULTRASONICS
Isra Trg: Finalized Date 10/2/2007
Start Date: 02/13/2012
Case Status: Withdrawn from ECRA/ISRA
Case No: E20070321
Case Name: CREST ULTRASONICS
Trigger Type: Business Sale
Trigger Date: 10/02/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J62
SE
1/4-1/2
0.341 mi.
1798 ft.

FORMER NAVAL PROPULSION TEST CENTER
1460 PARKWAY AVE
EWING TOWNSHIP, NJ 08628

NJ BROWNFIELDS **S111075452**
N/A

Site 1 of 2 in cluster J

Relative:
Lower

BROWNFIELDS:

Actual:
137 ft.

Price: Not reported
Assessed Value: Not reported
Property Size: 6 ? 10
Annual Taxes: Not reported
Representative Address: 12 Fox Run Road
Representative City/State/Zip: Pennington, NJ 08534
Submitter Name: W. Barry Rank
Submitter Address1: 12 Fox Run Road
Submitter Address2: Not reported
Submitter City: Pennington
Submitter State: NJ
Submitter Zip: 08534-
Submitter Email: wbarrybanjo@aol.com
Submitter Phone: 6098826200
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 10896
X Coordinate: Not reported
Y Coordinate: Not reported
Coord: 0:0
AutoID: Not reported
Ownership Type: Private
Ownership: Limited Liability Corporation
PStatus: No Longer Brownfield
PI Number: Not reported
Owner Name: 1400 Parkway LLC
Owner Address + Owner Street: 12 Fox Run Road
Owner City: Pennington
Owner State: NJ
Owner Zip Code: 08534
Owner County: Not reported
Owner Phone: 6098826200
Owner Fax: 9999999999
Owner Email: wbarrybanjo@aol.com
Owner Organization: Not reported
Authorized Representative: W. Barry Rank
Auth Rep Relation to Owner: Managing Member
Municipal Contact Name: William Erney
Municipal Contact Street: 2 Jake Garzio Drive
Municipal Contact City: Ewing
Municipal Contact State: NJ
Municipal Contact Zip Code: 08628
Municipal Contact Phone: 6098832900
Municipal Contact Fax: 9999999999
Municipal Contact Email: Not reported
Department: Construction
Municipal Contact Title: Not reported
Contact Relation to Owner: Not reported
Current Zoning: Commercial
Proposed Zoning: Mixed Use
Copy of Title Insurance: Not reported
Block: 365

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER NAVAL PROPULSION TEST CENTER (Continued)

S111075452

Lot:	9
Development Plan Completed:	Not reported
Market Study Completed:	Not reported
Current Activity:	Inactive (out of use)
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	No
Easements:	Not reported
Buildings:	0
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Not reported
Tax Lien:	No
Other Liens/Judgements:	Not reported
Traffic Study:	Not reported
Road Access:	2-Lane
Waterfront Access:	No
Airport Access:	Yes
Public Transportation Access:	Not reported
Major Highway Name:	95
Major Highway Interchange:	Not reported
Major Highway Miles Away:	2
Local Highway Name:	Parkway Ave
Local Highway Interchange:	Not reported
Local Highway Miles Away:	0
Rail Type:	Commuter And Freight
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Yes
Electric:	Yes
Gas:	Yes
Public Sewer:	Not reported
Telephone:	Not reported
Cable:	Not reported
Fiber Optics:	Not reported
Wetlands:	No
Sensitive Ecosystems/Habitats:	Not reported
Endangered Species:	Not reported
Historic/Archeological Site:	Not reported
100 Year Flood Plain:	Not reported
500 Year Flood Plain:	Not reported
Environmental Report Copies:	Not reported
List Containing Site:	Not reported
Preliminary Assessment:	Yes
Site Investigation:	Not reported
Remedial Investigation:	Yes
Remedial Action Workplan:	Yes
Voluntary Cleanup Program:	Not reported
Environmental Litigation:	No
Remediation In Progress:	Not reported
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	Not reported
Regulatory Sign-Off Description:	Not reported
Other Incentives:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER NAVAL PROPULSION TEST CENTER (Continued)

S111075452

Low Interest Rates:	Not reported
HDSRF Grants:	Not reported
TIF:	Not reported
HDSRF Loans:	Not reported
USA Loans:	Not reported
USA Grants:	Not reported
Designated Redevelopment Area:	Yes
Environmental Opportunity Zone:	Not reported
Tax Rebate or Abatement:	Not reported
Empowerment Zone (Federal):	Not reported
Urban Coordinating Council Neighborhood:	Not reported
Enterprise Community (Federal):	Not reported
Urban Enterprise Zone:	Not reported
Additional Comments:	Not reported
County_int_FK:	Not reported
Municipality_int_FK:	Not reported
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	wbarrybanjo@aol.com
Authorized Representative Phone:	6098826200
General Comments:	9.568 acres of vacant land - no wetlands - partially in airport hazard zone

K63
SSE
1/4-1/2
0.350 mi.
1850 ft.
6 MICHELLE COURT
6 MICHELLE CT
EWING TWP, NJ 08628
Site 1 of 3 in cluster K

NJ SHWS
NJ VCP
NJ NJEMS
NJ Release
S106215784
N/A

Relative: SHWS:
Lower Site ID: 163712
Status: Closed
Actual: Home Owner: Yes
159 ft. PI Number: 214534

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:
Incident Number: 03-09-23-1034-30
MOA Execution Date: 10/27/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:
Site Id: 163712
Municipality: EWING TWP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

6 MICHELLE COURT (Continued)

S106215784

Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	404266
Y Coord:	522369
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	GIS Parcel Centroid
Coord Origin:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay):	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210080
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type:	Residential
Facility Phone:	Not reported
Incident Date:	09/15/2003
Incident Time:	Not reported
Trenton Dispatch Log Number:	71965
Case Number:	03-09-23-1034-30
Date Received:	09/23/2003
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	RESIDENCE AT
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

6 MICHELLE COURT (Continued)

S106215784

Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	09/23/2003
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	JERRY FIESELER
Incident Address:	6 MICHELLE CT
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

6 MICHELLE COURT (Continued)

S106215784

Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

**64
SE
1/4-1/2
0.351 mi.
1853 ft.**

**AIR HANGAR INC
601 JACK STEPHAN WAY
WEST TRENTON, NJ 08628**

**NJ HIST LUST
NJ Release
NJ NPDES**

**S104429957
N/A**

**Relative:
Lower**

LUST HIST:

**Actual:
134 ft.**

Case ID: 91-11-04-1405
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: **Site Issued Letter of No Further Action for Area(s) Of Concern**
UST ID: 0042446
TMS Number: C91-1962; C91-2457
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: David Nickerson
Facility Phone: (609) 633-1445
No Further Action: 9/9/1996 0:00:00
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

NJ Release:

Facility Type: Commercial
Facility Phone: 609-882-2010
Incident Date: 11/04/1991
Incident Time: 1000
Trenton Dispatch Log Number: 17459
Case Number: 91-11-4-1405-54
Date Received: 11/04/1991
Nature of Incident: Facility
Operator: ROGER
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): OIL JP-A
Substance Type: Liquid
Substance Identity: Known
CAS Number: Not reported
A310 Letter: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AIR HANGAR INC (Continued)

S104429957

TCPA Chemical:	No
Hazrds Material:	Yes
COMU:	1102
Ref. Code:	099
Amt Released:	UNKNOWN
Contained:	No
Release Type:	Terminated
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Receiving Water:	Not reported
Status at Spill:	UST REMOVAL SOIL CONTAMINATION DISCOVERED. TANK SIZES 15,000 GALS
NJ Spill Date:	1991-11-04 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	Not reported
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPER.#4
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	11/04/1991
Local Municipality Time:	1410
Incident Description:	L.U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	HQ1
Incident Telephone:	MAILED
Incident Date:	11/04/1991
Incident time:	Not reported
Incident ITM:	M
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AIR HANGAR INC (Continued)

S104429957

Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	AIR HANGAR INC (MERC
Responsible Party Contact:	RAY VOLOVAR
Responsible Party Title:	ADM.MGR.
Responsible Party Phone:	609-882-2010
Responsible Party Street:	PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJPDES:

NJPDES Permit Number:	NJG0131440
Facility Telephone:	Not reported
Facility Contact:	Stephen Kelly
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	5G2
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	404482
Site X Coordinate:	523362
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported
Permittee Address:	Not reported
Permittee PO Box:	Not reported
Permittee City,St,Zip:	Not reported
Category Description:	Basic Industrial Stormwater GP - NJ0088315 (5G2)
Date Permit Application Received:	Not reported
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	02/01/2018
Date Final Permit Expires:	01/31/2023
PI Number:	49531
Regional Office:	Central
Permit Category:	Not reported

NJPDES Permit Number: NJG0131440

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AIR HANGAR INC (Continued)

S104429957

Facility Telephone: Not reported
Facility Contact: Stephen Kelly
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: 5G2
Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 404482
Site X Coordinate: 523362
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Basic Industrial Stormwater GP - NJ0088315 (5G2)
Date Permit Application Received: Not reported
Date Draft Permit Issued: Not reported
Date Final Permit Issued: Not reported
Date Final Permit Effective: 02/01/2018
Date Final Permit Expires: 01/31/2023
PI Number: 49531
Regional Office: Central
Permit Category: Not reported

L65
SSE
1/4-1/2
0.363 mi.
1917 ft.

CALDWELL SUPPLY COMPANY INCORPORATED
1515 PARKWAY AVE
EWING TWP, NJ

NJ SHWS S109309353
N/A

Site 1 of 2 in cluster L

Relative:
Lower

SHWS:
Site ID: 76209
Status: Closed
Home Owner: No
PI Number: G000002454

Actual:
151 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L66
SSE
1/4-1/2
0.363 mi.
1917 ft.
CALDWELL SUPPLY COMPANY INCORPORATED
1515 PARKWAY AVENUE
EWING TWP, NJ 08628
Site 2 of 2 in cluster L

NJ ISRA **S107585554**
N/A

Relative: NJ ISRA:
Lower Pi Number: G000002454
Action Number: ISR860002
Actual: Title: E86073 Caldwell Supply Company
151 ft. Isra Trg: Finalized Date Not reported
Start Date: 12/22/1989
Case Status: NFA (No Further Action) HISTORIC
Case No: E86073
Case Name: Caldwell Supply Company
Trigger Type: Cessation
Trigger Date: 01/27/1987

Pi Number: G000002454
Action Number: ISR860002
Title: E86073 Caldwell Supply Company
Isra Trg: Finalized Date Not reported
Start Date: 12/22/1989
Case Status: NFA (No Further Action) HISTORIC
Case No: E86073
Case Name: Caldwell Supply Company
Trigger Type: Property Sale
Trigger Date: 01/27/1987

67
SSE
1/4-1/2
0.365 mi.
1925 ft.
OMNI GRAPHICS
1505 PARKWAY AVENUE
EWING TWP, NJ 08628

NJ ISRA **S107589040**
N/A

Relative: NJ ISRA:
Lower Pi Number: G000013921
Action Number: ISR870001
Actual: Title: E87479 Omni Graphics Incorpora
147 ft. Isra Trg: Finalized Date Not reported
Start Date: 10/06/1987
Case Status: NFA (No Further Action) HISTORIC
Case No: E87479
Case Name: Omni Graphics Incorporated
Trigger Type: Property Sale
Trigger Date: 08/10/1987

J68
SE
1/4-1/2
0.370 mi.
1956 ft.
GM/FISHER BODY
PARKWAY AVE
EWING, NJ
Site 2 of 2 in cluster J

NJ HIST LUST **S105048678**
N/A

Relative: LUST HIST:
Lower Case ID: 85-08-30-0900
Actual: Lead Program Assigned: Bureau of Underground Storage Tanks
135 ft. **Facility Status:** **File Missing**
UST ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM/FISHER BODY (Continued)

S105048678

TMS Number: Not reported
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

K69
SSE
1/4-1/2
0.374 mi.
1976 ft.

7 MICHELLE COURT
7 MICHELLE CT
EWING TWP, NJ

NJ SHWS
NJ Release

S109217945
N/A

Site 2 of 3 in cluster K

Relative:
Lower

SHWS:
Site ID: 424552
Status: Closed
Home Owner: Yes
PI Number: 531370

Actual:
159 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 03/17/2008
Incident Time: Not reported
Trenton Dispatch Log Number: 266602
Case Number: 08-03-17-0923-35
Date Received: 03/17/2008
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: OTTO DIX
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 MICHELLE COURT (Continued)

S109217945

Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	03/17/2008
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	OTTO DIX
Incident Address:	7 MICHELLE COURT
Incident Address 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 MICHELLE COURT (Continued)

S109217945

Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

M70
South
1/4-1/2
0.374 mi.
1977 ft.

555 WALKER AVE
555 WALKER AVE
EWING TWP, NJ
Site 1 of 2 in cluster M

NJ SHWS **S109308871**
N/A

Relative:
Lower
Actual:
162 ft.

SHWS:
Site ID: 75245
Status: Closed
Home Owner: No
PI Number: G000043147

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

M71
South
1/4-1/2
0.374 mi.
1977 ft.

555 WALKER AVENUE
555 WALKER AVE
EWING TWP, NJ 08638
Site 2 of 2 in cluster M

NJ VCP **1007054790**
NJ NJEMS **N/A**

Relative:
Lower
Actual:
162 ft.

VCP:
Incident Number: 00-03-14-1152-51
MOA Execution Date: 06/30/2000
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Equi Credit Corporation
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

555 WALKER AVENUE (Continued)

1007054790

NJEMS:

Site Id: 75245
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 402507
Y Coord: 521048
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

**N72
NE
1/4-1/2
0.379 mi.
2001 ft.**

**UNISYS AVIATION DEPARTMENT
MERCER COUNTY AIRPORT
TRENTON, NJ 08628**

Site 1 of 2 in cluster N

**RCRA-CESQG 1000390562
NJ HIST HWS NJD177819976
NJ LUST
NJ UST
NJ GW CONTAM AREAS
NJ MANIFEST**

**Relative:
Higher**

**Actual:
204 ft.**

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: UNISYS AVIATION DEPARTMENT
Facility address: MERCER COUNTY AIRPORT
TRENTON, NJ 08628
EPA ID: NJD177819976
Contact: MARTIN BOLLELLA
Contact address: MERCER COUNTY AIRPORT
TRENTON, NJ 08628
Contact country: US
Contact telephone: 609-882-0065
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

hazardous waste

Owner/Operator Summary:

Owner/operator name: MERCER COUNTY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MERCER COUNTY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: UNISYS AVIATION DEPARTMENT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/22/1994
Site name: UNISYS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 01/21/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Site name: UNISYS AVIATION DEPARTMENT
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/30/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/12/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

HIST SHWS:

Case Status: Active
Status Date: 1/21/1993
Case ID: 005149
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 405829
Y Coordinate: 528262
Coordinate System: NJ State Plane (NAD83) - USFEET

LUST:

Case ID: 005149
Activity Number: LSR120001

Case ID: 005149
Activity Number: LSR180001

UST:

Facility ID: 005149

Contact:

Owner Name: NICOLE PATRONE
Organization: SIGNATURE FLIGHT SUPPORT
Contact Type(UST Reg): Property Owner
Contact Address (UST Reg): 18 PIPER AVE W
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08628

Owner Name: NICOLE PATRONE
Organization: SIGNATURE FLIGHT SUPPORT
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 18 PIPER AVE W
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08628

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **Removed**
Tank Status Date: 09/25/1992
Install Date: 01/01/1978
Tank Contents: Heating Oil (No. 2)
Tank Size: 5500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E2
Tank Status: **Removed**
Tank Status Date: 03/01/1987
Install Date: 01/01/1978
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: E3
Tank Status: **Removed**
Tank Status Date: 02/01/1988
Install Date: 01/01/1978
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Tank Id: TANK-33922
Tank Number: 0003
Tank Status: **Removed**
Tank Status Date: 07/20/1987
Install Date: 01/01/1944
Tank Contents: Aviation Fuel
Tank Size: 550
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: E4
Tank Status: **Removed**
Tank Status Date: 02/01/1988
Install Date: 01/01/1982
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-5
Tank Number: E5
Tank Status: **Removed**
Tank Status Date: 02/01/1988
Install Date: 01/01/1982
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Tank Id: TANK-6
Tank Number: E6
Tank Status: Removed
Tank Status Date: 02/01/1988
Install Date: 01/01/1982
Tank Contents: Aviation Fuel
Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-7
Tank Number: E7
Tank Status: Removed
Tank Status Date: 09/25/1992
Install Date: 01/01/1981
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-8
Tank Number: 0001
Tank Status: Removed
Tank Status Date: 05/15/2018
Install Date: 10/26/1988
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Other: Above ground
Tank/Pipe Construction Type: Tank Fiberglass-coated steel
Tank/Pipe Monitor: Pipe Other: No Piping Exists
Tank/Pipe Monitor: Tank Interstitial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Tank Id: TANK-9
Tank Number: 0002
Tank Status: **Removed**
Tank Status Date: 05/15/2018
Install Date: 10/26/1988
Tank Contents: Aviation Fuel
Tank Size: 20000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Fiberglass-coated steel
Tank/Pipe Construction Type: Pipe Other: Above ground
Tank/Pipe Monitor: Pipe Other: No Piping Exists
Tank/Pipe Monitor: Tank Interstitial

GW CONTAM AREAS:

AKA: UNISYS AVIATION - NO.2 OIL UST (FORMER) - PAH CEA
Scale at which CKE is digitized: Not reported
Date CKE was approved: Not reported
VOCS: Not reported
SVOCS: Not reported
Metal: Not reported
Pesticide/PCBS: Not reported
Tentatively Identified Compounds: Not reported
Contam Contributed To Radioactive Substance: Not reported
Other: Total dissolved solids (TDS)
Block Lot: 373-9
Duration: 7.25
Well Restriction Area: No
GW Class: II-A
Vertical Extent: 22.5
Acres: 7.2030000000000002E-3
Benzene: Not reported
MTBE: Not reported
TBA: Not reported
TCE: Not reported
PCE: Not reported
Naphthalen: Not reported
Vinyl Chloride: Not reported
Benz Pyrene: Yes
Lead Pb: Not reported
Arsenic: Not reported
Chromium: Not reported
Cadmium: Not reported
Mercury: Not reported
TICS: Not reported
Volatile Organic: Not reported
Base Neutral: Benzo(a)anthracene, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene
Pesticide: Not reported
PCB: Not reported
Dioxin: Not reported
Radionuclides: Not reported
Non-Dissolved Free Product: Not reported
Perimeter: 62.811994849999998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

NJ MANIFEST:

EPA Id: NJD177819976
Mail Address: Not reported
Mail City/State/Zip: Not reported
Facility Phone: 6098820065
Emergency Phone: Not reported
Contact: MARTIN BOLLEILLA
Comments: Not reported
SIC Code: Not reported
County: 11
Municipal: 02
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5061118
EPA ID: NJD177819976
Date Shipped: 08/30/2005
TSDf EPA ID: KYD053348108
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: NJD071629976
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/30/2005
Date Trans2 Transported Waste: 08/31/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 09/01/2005
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 10170521

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5035389
EPA ID:	NJD177819976
Date Shipped:	08/24/2004
TSDf EPA ID:	KYD053348108
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	MOR000505347
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/24/2004
Date Trans2 Transported Waste:	08/31/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	09/03/2004
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09290421
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	000104305VES
EPA ID:	NJD177819976
Date Shipped:	04/17/2008
TSDf EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/17/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/21/2008
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 10 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 40 P

Manifest Number: 000541448VES
EPA ID: NJD177819976
Date Shipped: 9/30/2011
TSDF EPA ID: NCD986166338
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: NJD071629976
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H141
Quantity: 10.00 Pounds

Manifest Year: Not reported
Waste Code: U080
Hand Code: H141
Quantity: 10.00 Pounds

Manifest Year: Not reported
Waste Code: D007
Hand Code: H141
Quantity: 10.00 Pounds

Manifest Year: Not reported
Waste Code: D003
Hand Code: H141
Quantity: 35.00 Pounds

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 500.00 Pounds

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 80.00 Pounds

Manifest Year: Not reported
Waste Code: F001
Hand Code: H141
Quantity: 80.00 Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	80.00 Pounds
Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	85.00 Pounds
Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H141
Quantity:	35.00 Pounds
Manifest Number:	NJA5296250
EPA ID:	NJD177819976
Date Shipped:	08/30/2006
TSDF EPA ID:	KYD053348108
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	MOD095038998
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/30/2006
Date Trans2 Transported Waste:	09/01/2006
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/11/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	10030621
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS AVIATION DEPARTMENT (Continued)

1000390562

Manifest Number: 000225989SKS
EPA ID: NJD177819976
Date Shipped: 06/07/2007
TSDf EPA ID: KYD053348108
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: NJD071629976
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/07/2007
Date Trans2 Transported Waste: 06/13/2007
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 06/15/2007
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F001
Hand Code: H06
Quantity: 780 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N73
NE
1/4-1/2
0.379 mi.
2001 ft.

ROSS TRENTON @ MERCER CNTY AIRPORT
4 PITCAIRN RD
EWING TWP, NJ 08628

NJ SHWS
NJ INST CONTROL

S118169225
N/A

Relative:
Higher

SHWS:

Actual:
204 ft.

Site ID: 6590
Status: Active
Home Owner: No
PI Number: 005149

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ INSTITUTIONAL CONTROL:

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: 6237
CEA Duration: 8.50
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: 6238
CEA Duration: 8.50
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: 6239
CEA Duration: 8.50
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: 167559
CEA Duration: 8.50
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSS TRENTON @ MERCER CNTY AIRPORT (Continued)

S118169225

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: 169938
CEA Duration: 8.50
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Trichloroethylene
CEA Case Track #: Not reported
CEA Duration: 8.50
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: 6237
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: 6238
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: 6239
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: 167559

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSS TRENTON @ MERCER CNTY AIRPORT (Continued)

S118169225

CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: 169938
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)anthracene
CEA Case Track #: Not reported
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: 6237
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: 6238
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: 6239
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSS TRENTON @ MERCER CNTY AIRPORT (Continued)

S118169225

PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: 167559
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: 169938
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(a)pyrene
CEA Case Track #: Not reported
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: 6237
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: 6238
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: 6239
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSS TRENTON @ MERCER CNTY AIRPORT (Continued)

S118169225

Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: 167559
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: 169938
CEA Duration: 12.00
Intermediate Durations: No

Facility ID: 6590
Date Established (SI): 04/25/2013
Date Closed/Lifted (SI): Not reported
PI Number: 005149
PI Name: ROSS TRENTON LLC SIGNATURE FLIGHT SUPPORT
CEA Description (SI): Benzo(b)fluoranthene
CEA Case Track #: Not reported
CEA Duration: 12.00
Intermediate Durations: No

K74
SSE
1/4-1/2
0.381 mi.
2011 ft.

10 MICHELLE COURT
10 MICHELLE CT
EWING TWP, NJ

NJ SHWS **S111262136**
NJ Release **N/A**

Site 3 of 3 in cluster K

Relative:
Lower
Actual:
159 ft.

SHWS:
Site ID: 481452
Status: Closed
Home Owner: Yes
PI Number: 607277

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 06/28/2011
Incident Time: Not reported
Trenton Dispatch Log Number: 391927
Case Number: 11-06-28-1131-56
Date Received: 06/28/2011
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10 MICHELLE COURT (Continued)

S111262136

Incident Location:	RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	RAYNALDO OBED
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

10 MICHELLE COURT (Continued)

S111262136

Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Rep Receive Date: 06/28/2011
Reporter Type: Other
Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: RAYNALDO OBED
Incident Address: 10 MICHELLE COURT
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

O75
West
1/4-1/2
0.382 mi.
2019 ft.

MOUNTAIN VIEW GOLF COURSE CLUBHOUSE
850 BEAR TAVERN RD
EWING TWP, NJ

NJ SHWS S111833464
N/A

Site 1 of 2 in cluster O

Relative:
Higher
Actual:
212 ft.

SHWS:
Site ID: 58020
Status: Active
Home Owner: No
PI Number: 033878

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O76
West
1/4-1/2
0.382 mi.
2019 ft.
Relative:
Higher
Actual:
212 ft.

MOUNTAIN VIEW GOLF COURSE CLUBHOUSE
850 BEAR TAVER N RD
EWING TWP, NJ
Site 2 of 2 in cluster O

LUST:
Case ID: 033878
Activity Number: LSR120001

NJ LUST **S111331560**
N/A

P77
SSE
1/4-1/2
0.386 mi.
2040 ft.
Relative:
Lower
Actual:
155 ft.

CIFELLI'S QUALITY FUELS LLC
1543 PARKWAY AVE
EWING TWP, NJ
Site 1 of 2 in cluster P

SHWS:
Site ID: 6602
Status: Active
Home Owner: No
PI Number: 033051

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ SHWS **S114476161**
NJ LUST **N/A**

LUST:
Case ID: 033051
Activity Number: LSR130001

P78
SSE
1/4-1/2
0.386 mi.
2040 ft.
Relative:
Lower
Actual:
155 ft.

PICERNOS SERVICE STATION
1543 PARKWAY AVE
EWING, NJ
Site 2 of 2 in cluster P

LUST HIST:
Case ID: 91-10-15-0928
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: **Case Awaiting Assignment**
UST ID: 0330518
TMS Number: Not reported
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

NJ HIST LUST **S104389473**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

79
South
1/4-1/2
0.402 mi.
2121 ft.

146 SUMMIT AVENUE
146 SUMMIT AVE
EWING TWP, NJ 08618

NJ SHWS
NJ VCP
NJ NJEMS

1007000833
N/A

Relative:
Lower

SHWS:

Site ID: 88312
Status: Closed
Home Owner: No
PI Number: G000062226

Actual:
162 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 01-03-15-1323-57
MOA Execution Date: 10/16/2001
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 88312
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 403565
Y Coord: 521503
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

80
East
1/4-1/2
0.414 mi.
2188 ft.

REDPOINT BIO CORP
7 GRAPHICS DR
WEST TRENTON, NJ 08628

NJ AIRS
NJ ISRA
NJ MANIFEST

S107587774
N/A

Relative:
Lower

AIRS:

Actual:
172 ft.

Emission Year: Not reported
Facility Number: 61343
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408446
Y Coordinate: 526645
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GIS Parcel Centroid
Active Number: GEN090001
Active Type Description: (GP-017) Boilers < 5 MMBTU/hr
Document Status: Auto-Killed
Expiration Date: 12/11/2014
Active Flag: Y

NJ ISRA:

Pi Number: G000040257
Action Number: ISR030001
Title: E20030021 JDS Uniphase Corp
Isra Trg: Finalized Date: 2/6/2003
Start Date: 05/20/2003
Case Status: NFA-E (Entire Site) HISTORIC
Case No: E20030021
Case Name: JDS Uniphase Corp
Trigger Type: Cessation
Trigger Date: 11/10/2002

Pi Number: G000040257
Action Number: ISR030003
Title: E20030263 JDS Uniphase Corp
Isra Trg: Finalized Date: 7/15/2003
Start Date: 07/03/2003
Case Status: Assigned to Program
Case No: E20030263
Case Name: JDS Uniphase Corp
Trigger Type: Cessation
Trigger Date: 07/15/2003

Pi Number: G000040257
Action Number: ISR030003
Title: E20030263 JDS Uniphase Corp
Isra Trg: Finalized Date: 7/15/2003
Start Date: 09/17/2003
Case Status: NFA-E (Unrestricted Use)
Case No: E20030263
Case Name: JDS Uniphase Corp
Trigger Type: Cessation
Trigger Date: 07/15/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDPOINT BIO CORP (Continued)

S107587774

Pi Number: G000040257
Action Number: ISR030003
Title: E20030263 JDS Uniphase Corp
Isra Trg: Finalized Date 9/30/2003
Start Date: 07/03/2003
Case Status: Assigned to Program
Case No: E20030263
Case Name: JDS Uniphase Corp
Trigger Type: Property Sale
Trigger Date: 04/30/2003

Pi Number: G000040257
Action Number: ISR030003
Title: E20030263 JDS Uniphase Corp
Isra Trg: Finalized Date 9/30/2003
Start Date: 09/17/2003
Case Status: NFA-E (Unrestricted Use)
Case No: E20030263
Case Name: JDS Uniphase Corp
Trigger Type: Property Sale
Trigger Date: 04/30/2003

Pi Number: G000040257
Action Number: ISR000001
Title: E99534 Epitaxx Incorporated
Isra Trg: Finalized Date Not reported
Start Date: 04/11/2000
Case Status: NFA-E (Entire Site) HISTORIC
Case No: E99534
Case Name: Epitaxx Incorporated
Trigger Type: Not reported
Trigger Date: Not reported

NJ MANIFEST:

EPA Id: NJR986651552
Mail Address: 7 GRAPHICS DR
Mail City/State/Zip: EWING, NJ 08628
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STACY BLOCH
Comments: Not reported
SIC Code: Not reported
County: NJ021
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 010238953FLE
EPA ID: NJR986651552
Date Shipped: 2/17/2017
TSDF EPA ID: ARD069748192
Transporter EPA ID: MAD039322250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDPOINT BIO CORP (Continued)

S107587774

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
Generator EPA Facility Name: TEVA GLOBAL RESPIRATORY R&D NJ
Transporter-1 EPA Facility Name: CLEAN HARBORS ENVIRONMENTAL SRVS INC
TSDF EPA Facility Name: CLEAN HARBORS EL DORADO LLC
QTY Units: Pounds
Transporter SEQ ID: Not reported
Transporter-1 Date: 2/17/2017
Waste SEQ ID: 1
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 3/4/2017
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: EWING, NJ 08628
Reason Load Was Rejected: Not reported

81
East
1/4-1/2
0.433 mi.
2284 ft.

RIEGEL PRINTING CO
1 GRAPHICS DR
EWING, NJ 08628

NJ AIRS **S107589859**
NJ ISRA **N/A**

Relative:
Lower
Actual:
139 ft.

AIRS:
Emission Year: Not reported
Facility Number: 60610
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408792
Y Coordinate: 525809

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIEGEL PRINTING CO (Continued)

S107589859

Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Digital Image
Active Number: PCP030001
Active Type Description: Modification
Document Status: Superseded (Archived)
Expiration Date: 05/03/2008
Active Flag: Y

Emission Year: Not reported
Facility Number: 60610
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408792
Y Coordinate: 525809
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Digital Image
Active Number: PCP040001
Active Type Description: Modification
Document Status: Superseded (Archived)
Expiration Date: 08/01/2006
Active Flag: Y

Emission Year: Not reported
Facility Number: 60610
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408792
Y Coordinate: 525809
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Digital Image
Active Number: PCP960001
Active Type Description: Construction of New Source
Document Status: Superseded (Archived)
Expiration Date: 08/05/2003
Active Flag: Y

Emission Year: Not reported
Facility Number: 60610
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408792
Y Coordinate: 525809

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIEGEL PRINTING CO (Continued)

S107589859

Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Digital Image
Active Number: PCP160001
Active Type Description: Modification
Document Status: Expired
Expiration Date: 05/03/2018
Active Flag: Y

Emission Year: Not reported
Facility Number: 60610
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 408792
Y Coordinate: 525809
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: Digital Image
Active Number: PCP060006
Active Type Description: Modification
Document Status: Superseded (Archived)
Expiration Date: 05/03/2018
Active Flag: Y

NJ ISRA:

Pi Number: 191963
Action Number: ISR010002
Title: E20010379 Riegel Printing Comp
Isra Trg: Finalized Date: 10/9/2001
Start Date: 12/20/2001
Case Status: NFA-E (Unrestricted Use)
Case No: E20010379
Case Name: Riegel Printing Company Incorporated
Trigger Type: Stock Transfer
Trigger Date: 07/16/2001

Pi Number: 191963
Action Number: ISR090002
Title: E20090138 RIEGEL PRINTING CO
Isra Trg: Finalized Date: Not reported
Start Date: 06/19/2009
Case Status: Assigned to Program
Case No: E20090138
Case Name: RIEGEL PRINTING COMPANY INC
Trigger Type: Property Sale
Trigger Date: 05/27/2009

Pi Number: 191963
Action Number: ISR090002
Title: E20090138 RIEGEL PRINTING CO
Isra Trg: Finalized Date: Not reported
Start Date: 02/16/2010
Case Status: NFA-E (Unrestricted Use)
Case No: E20090138

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIEGEL PRINTING CO (Continued)

S107589859

Case Name: RIEGEL PRINTING COMPANY INC
Trigger Type: Property Sale
Trigger Date: 05/27/2009

Q82
East
1/4-1/2
0.437 mi.
2306 ft.

CRODA INKS CORP
200 UPPER FERRY RD
EWING, NJ 08628

NJ SHWS 1000446054
NJ SPILLS NJD986585081
RCRA NonGen / NLR

Site 1 of 2 in cluster Q

Relative:
Lower

SHWS:
Site ID: 6625
Status: Closed
Home Owner: No
PI Number: G000006504

Actual:
133 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ SPILL:

Trenton Dispatch Log Number: 3430
Case Number: 94-3-3-1505-33
Notify Type: Not reported
Date Received: 03/03/1994
Location: Facility
Other Location: Not reported
Incident Date: 03/03/1994
Incident Time: 0900
A310 Letter: No
Ref. Code: 101
COMU: 1102
CAS Number: Not reported
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Commercial
Facility Phone: 609-883-4800
Substance(s): INK, WATER BASED
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: No
Amnt Released: 10 GALS
Release VE: Estimate
Contained: Yes
Release Type: Terminated
Incident Desc: Spill
Status at Spill: SPILL DUE TO LEAKING DRUM TAKE WAS PUNTURED CONTRACTOR ON SCENE DOING CLEANUP

NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRODA INKS CORP (Continued)

1000446054

Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JIMS
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	PJAX TRUCKING
Responsible Party Contact:	JEFF HAMMEL
Responsible Party Title:	GENERAL MGR
Responsible Party Telephone:	412-231-2827
Responsible Party Street:	73 MCCANDLES AVE
Responsible Party Municipality:	PITTSBURGH
Responsible Party State:	PA
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	PITTSBURGH, PA
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-CAS
Incident Phone:	Faxed,Mailed
Incident Date:	03/03/1994
Comments:	Not reported
Date A310 Letter Printed:	1994-03-03 00:00:00
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRODA INKS CORP (Continued)

1000446054

Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	3611
Case Number:	94-3-7-1342-12
Notify Type:	Not reported
Date Received:	03/07/1994
Location:	Facility
Other Location:	Not reported
Incident Date:	03/07/1994
Incident Time:	1242
A310 Letter:	Yes
Ref. Code:	002
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Residential
Facility Phone:	UNK
Substance(s):	NITRO CELLULOUS, UNKNOWN LIQUID
Substance Type:	Unknown
Substance Identity:	Liquid
TCPA Chemical:	Unknown
Hazrds Material:	Unknown
Amnt Released:	UNK
Release VE:	Not reported
Contained:	Unknown
Release Type:	Not reported
Incident Desc:	Spill
Status at Spill:	SPILL OF UNK SUBSTANCE AT UNK FACILITY.NO OTHER INFO.NO CLEAN UP
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	Unknown
Public Exposure:	Unknown
Road Closed:	Not reported
Facility Evacuation:	Unknown
Receiving Water:	Not reported
Public Evacuation:	Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRODA INKS CORP (Continued)

1000446054

Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Land
Nature of Incident:	Other
Wind Direction/Speed:	Not reported
Assistance Requested:	Yes
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOES
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	CRODA INKS
Responsible Party Contact:	UNK
Responsible Party Title:	Not reported
Responsible Party Telephone:	UNK
Responsible Party Street:	200 UPPER FERRY RD
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP HOLT
Local Municipality Phone:	609-882-1313
Local Municipality Date:	03/07/1994
Local Municipality Time:	1347
Incident Name:	ROB SCHRADER
Incident Referred To:	DRPSR
Incident Region:	ER2
Incident Phone:	Office
Incident Date:	03/07/1994
Comments:	Not reported
Date A310 Letter Printed:	1994-03-07 00:00:00
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	1994-03-07 00:00:00
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRODA INKS CORP (Continued)

1000446054

Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: CRODA INKS CORP
Facility address: 200 UPPER FERRY RD
EWING, NJ 08628
EPA ID: NJD986585081
Mailing address: UPPER FERRY RD
EWING, NJ 08628
Contact: Not reported
Contact address: UPPER FERRY RD
EWING, NJ 08628
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CRODA INKS CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CRODA INKS CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRODA INKS CORP (Continued)

1000446054

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: CRODA INKS CORP
Classification: Not a generator, verified

Date form received by agency: 04/26/1996
Site name: CRODA INKS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994
Site name: CRODA INKS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/12/1992
Site name: CRODA INKS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 07/18/1990
Site name: CRODA INKS CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/12/1999
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q83
East
1/4-1/2
0.437 mi.
2306 ft.

CLARK GRAFICOLOR CORP
200 UPPER FERRY ROAD
EWING TWP, NJ 08628

NJ ISRA

S109306005
N/A

Site 2 of 2 in cluster Q

Relative:
Lower

NJ ISRA:

Actual:
133 ft.

Pi Number: G000006504
Action Number: ISR000002
Title: E20000398 Croda Adhesives
Isra Trg: Finalized Date 10/14/2000
Start Date: 03/27/2003
Case Status: Assigned to Program
Case No: E20000398
Case Name: Croda Adhesives Incorporated
Trigger Type: Business Sale
Trigger Date: 09/29/2000

Pi Number: G000006504
Action Number: ISR000002
Title: E20000398 Croda Adhesives
Isra Trg: Finalized Date 10/14/2000
Start Date: 12/04/2003
Case Status: NFA-E (Unrestricted Use)
Case No: E20000398
Case Name: Croda Adhesives Incorporated
Trigger Type: Business Sale
Trigger Date: 09/29/2000

Pi Number: G000006504
Action Number: ISR880002
Title: E88984 Clark Graficolor Corp
Isra Trg: Finalized Date Not reported
Start Date: 03/23/1990
Case Status: NFA (No Further Action) HISTORIC
Case No: E88984
Case Name: Clark Graficolor Corporation
Trigger Type: Business Sale
Trigger Date: 11/28/1988

Pi Number: G000006504
Action Number: ISR880002
Title: E88984 Clark Graficolor Corp
Isra Trg: Finalized Date Not reported
Start Date: 03/23/1990
Case Status: NFA (No Further Action) HISTORIC
Case No: E88984
Case Name: Clark Graficolor Corporation
Trigger Type: Property Sale
Trigger Date: 11/28/1988

Pi Number: G000006504
Action Number: ISR960001
Title: E96507 Croda Inks Corporation
Isra Trg: Finalized Date Not reported
Start Date: 12/17/1996
Case Status: NFA (No Further Action) HISTORIC
Case No: E96507
Case Name: Croda Inks Corporation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK GRAFICOLOR CORP (Continued)

S109306005

Trigger Type: Business Sale
Trigger Date: 12/13/1996

**R84
SE
1/4-1/2
0.441 mi.
2328 ft.**

**GENERAL MOTORS CORP FISHER BODY DIVISION
1445 PARKWAY AVE
EWING TOWNSHIP, NJ 08628**

**NJ HIST HWS
NJ VCP
NJ BROWNFIELDS
NJ Release
NJ SPILLS**

**S104439775
N/A**

Site 1 of 4 in cluster R

**Relative:
Lower**

HIST SHWS:

**Actual:
123 ft.**

Case Status: Active
Status Date: 3/24/1997
Case ID: 011336
Contact: BNCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C3
Classification exception area dt: Ongoing
Classification exception area dt: 11/26/1996
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 406390
Y Coordinate: 521939
Coordinate System: NJ State Plane (NAD83) - USFEET

VCP:

Incident Number: 95-02-22-1407-48
MOA Execution Date: 02/02/1996
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization General Motors Corporation
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

BROWNFIELDS:

Price: Not reported
Assessed Value: Greater than \$1,000,000
Property Size: 76 - 100
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Submitter Phone:	Not reported
Transaction Type:	Not reported
Transfer Type:	Not reported
Site Number:	578
X Coordinate:	Not reported
Y Coordinate:	Not reported
Coord:	0:0
AutoID:	Not reported
Ownership Type:	Private
Ownership:	Corporation
PStatus:	No Longer Brownfield
PI Number:	Not reported
Owner Name:	c/o D. Stegman
Owner Address + Owner Street:	1445 Parkway Avenue
Owner City:	Ewing
Owner State:	NJ
Owner Zip Code:	08650
Owner County:	Not reported
Owner Phone:	6099545555
Owner Fax:	9999999999
Owner Email:	njbrownfields@njra.state.nj.us
Owner Organization:	General Motors, Inland Fisher
Authorized Representative:	D. Stegman
Auth Rep Relation to Owner:	UK
Municipal Contact Name:	- -
Municipal Contact Street:	1445 Parkway Avenue
Municipal Contact City:	Ewing
Municipal Contact State:	NJ
Municipal Contact Zip Code:	08650
Municipal Contact Phone:	0000000000
Municipal Contact Fax:	9999999999
Municipal Contact Email:	njbrownfields@njra.state.nj.us
Department:	General Motors, Inland Fisher
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Representative
Current Zoning:	Industrial
Proposed Zoning:	Commercial
Copy of Title Insurance:	Not reported
Block:	343
Lot:	1
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Under used (not fully used)
Current Operations:	VACANT INDUSTRIAL BLDG
Prior Operations:	AUTO PARTS MANUFACTURING
Deed Restrictions:	No
Easements:	Unknown
Buildings:	0
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	No
Tax Lien:	No
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	No
Major Highway Name:	95X
Major Highway Interchange:	Not reported
Major Highway Miles Away:	2
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	X
Rail Station:	Not reported
Rail Miles Away:	1
Public Water:	Yes
Electric:	Yes
Gas:	No
Public Sewer:	Yes
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	Unknown
Sensitive Ecosystems/Habitats:	Unknown
Endangered Species:	Unknown
Historic/Archeological Site:	Unknown
100 Year Flood Plain:	Unknown
500 Year Flood Plain:	Unknown
Environmental Report Copies:	Unknown
List Containing Site:	Not reported
Preliminary Assessment:	Unknown
Site Investigation:	Unknown
Remedial Investigation:	Unknown
Remedial Action Workplan:	Unknown
Voluntary Cleanup Program:	Unknown
Environmental Litigation:	Unknown
Remediation In Progress:	Unknown
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	Unknown
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	Not reported
County_int_FK:	11
Municipality_int_FK:	286
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Authorized Representative Phone:	9999999999
General Comments:	Not reported
Price:	Not reported
Assessed Value:	Not reported
Property Size:	Unknown
Annual Taxes:	Not reported
Representative Address:	Not reported
Representative City/State/Zip:	Not reported
Submitter Name:	Not reported
Submitter Address1:	Not reported
Submitter Address2:	Not reported
Submitter City:	Not reported
Submitter State:	Not reported
Submitter Zip:	Not reported
Submitter Email:	Not reported
Submitter Phone:	Not reported
Transaction Type:	Not reported
Transfer Type:	Not reported
Site Number:	7420
X Coordinate:	406390
Y Coordinate:	521939
Coord:	406390:521939
AutoID:	Not reported
Ownership Type:	unknown
Ownership:	DEP Case
PStatus:	No Longer Brownfield
PI Number:	011336
Owner Name:	To Be Determined
Owner Address + Owner Street:	Worldwide Facilities Group
Owner City:	Pontiac
Owner State:	MI
Owner Zip Code:	483413147
Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	General Motors Corporation
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Block:	343
Lot:	1.01
Development Plan Completed:	Unknown

Map ID
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Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

TIF: No
HDSRF Loans: No
USA Loans: No
USA Grants: No
Designated Redevelopment Area: No
Environmental Opportunity Zone: No
Tax Rebate or Abatement: No
Empowerment Zone (Federal): No
Urban Coordinating Council Neighborhood: No
Enterprise Community (Federal): No
Urban Enterprise Zone: No
Additional Comments: 1) Assigned to Program,3/24/1997 2) C3: Multi-Phased RA - Unknown or Uncontrolled Discharge to Soil or GW established 3/10/1997
County_int_FK: 11
Municipality_int_FK: 286
Planning Area Designation: Planning Area 1
Authorized Representative Email: Not reported
Authorized Representative Phone: 9999999999
General Comments: Not reported

NJ Release:

Facility Type: Industrial
Facility Phone: Not reported
Incident Date: 09/21/1992
Incident Time: ONGO
Trenton Dispatch Log Number: 15537
Case Number: 92-9-21-1319-22
Date Received: 09/21/1992
Nature of Incident: Other
Operator: JIMS
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): HEAVY METALS,VOLATILE ORGANICS, SOIL CONTAMINATED
Substance Type: Solid
Substance Identity: Known
CAS Number: Not reported
A310 Letter: Yes
TCPA Chemical: No
Hazrds Material: Yes
COMU: 1102
Ref. Code: 002
Amt Released: UNKNOWN
Contained: No
Release Type: Continuous
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Firemen at Scene:	No
Contamination of:	Land
Receiving Water:	Not reported
Status at Spill:	SOIL CONTAMINATION AROUND DRUM STORAGE PAD AREA
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPER 4
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	09/21/1992
Local Municipality Time:	1325
Incident Description:	Sloppy Housekeeping
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	ER2
Incident Telephone:	Faxed,Mailed
Incident Date:	09/21/1992
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Responsible Party:	Known
Responsible Party Name:	GENERAL MOTORS/FISHE
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Residential
Facility Phone:	609-771-6466
Incident Date:	07/13/1987
Incident Time:	0200
Trenton Dispatch Log Number:	4241
Case Number:	87-07-13-0353
Date Received:	07/12/1987
Nature of Incident:	Not reported
Operator:	ROGER
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	No
COMU:	1102
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	Not reported
Public Exposure:	Not reported
Facility Evacuation:	Not reported
Police at Scene:	Not reported
Firemen at Scene:	Not reported
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	Not reported
Assistance Requested:	Not reported
Wind Direction/Speed:	0
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	WATER TREATMENT TANK OFER
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	GENERAL MOTORS FISHE
Responsible Party Contact:	STEVE MATHIS
Responsible Party Title:	Not reported
Responsible Party Phone:	609-771-6466
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Municipal
Facility Phone:	609-771-6466
Incident Date:	07/03/1987
Incident Time:	0445
Trenton Dispatch Log Number:	4011
Case Number:	87-07-03-0522
Date Received:	07/03/1987
Nature of Incident:	Not reported
Operator:	CARM
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	LOW P.H. WATER MIXED WITH RAIN WATER
Substance Type:	Not reported
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	No
COMU:	1102
Ref. Code:	Not reported
Amt Released:	80 GALS
Contained:	No
Release Type:	Terminated
Release VE:	Estimate
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	Unknown
Contamination of:	Not reported
Receiving Water:	GOLD RUN CREEK TO TH
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	Unknown
Assistance Requested:	No
Wind Direction/Speed:	0
Local Municipality Notified:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	BY PASS OF LOW P.H. WATER
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	FISHER GUIDE DIV OF
Responsible Party Contact:	STEVE MIHALOW
Responsible Party Title:	MANUFACTURIN
Responsible Party Phone:	609-771-6466
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Industrial
Facility Phone:	609-771-6289
Incident Date:	05/20/1994
Incident Time:	Not reported
Trenton Dispatch Log Number:	8675
Case Number:	94-5-20-1341-34

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Date Received:	05/20/1994
Nature of Incident:	Facility
Operator:	JOYCE
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	TOTAL SUSPENDED SOLIDS
Substance Type:	Liquid
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	No
TCPA Chemical:	No
Hazrds Material:	No
COMU:	1102
Ref. Code:	011
Amt Released:	UNK
Contained:	No
Release Type:	Terminated
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Water
Receiving Water:	GOLD RUN
Status at Spill:	STORM WATER PERMIT EXCEEDANCE FOR TSS FROM OUTFALL DSN#003 WAS 52PPM, PERMIT ALLOWS 50PPM. NJ#0053295.
NJ Spill Date:	1994-05-20 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	FAXED
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	NJPDES,Permit Violation
Incident Name:	Not reported
Incident Referred To:	OEP-WATER

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Incident Region:	Central
Incident Telephone:	Faxed,Mailed
Incident Date:	05/20/1994
Incident time:	Not reported
Incident ITM:	B
Incident Name:	Not reported
Incident Referred To:	DFG
Incident Region:	HQ1
Incident Telephone:	Faxed
Incident Date:	1994-05-20 00:00:00
Incident Time:	Not reported
Incident ITM:	T
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	GENERAL MOTORS
Responsible Party Contact:	DAVID WORRELL
Responsible Party Title:	FAC.ENGINEER
Responsible Party Phone:	609-771-6289
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Industrial
Facility Phone:	609-771-6289
Incident Date:	03/08/1993
Incident Time:	Not reported
Trenton Dispatch Log Number:	6561
Case Number:	93-4-22-1345-20
Date Received:	04/22/1993

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Nature of Incident:	Facility
Operator:	ROGER
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	NONE
Substance Type:	Not reported
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	No
TCPA Chemical:	No
Hazrds Material:	No
COMU:	1102
Ref. Code:	011
Amt Released:	NONE
Contained:	Yes
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	NONE
Receiving Water:	NONE
Status at Spill:	NJPDES VIOLATION FOR DISCHARGE FROM FACILITY, TO LOCAL SEWER AUTH.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	NJPDES,Permit Violation
Incident Name:	Not reported
Incident Referred To:	OEP-WATER
Incident Region:	Central
Incident Telephone:	Faxed

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Incident Date:	04/22/1993
Incident time:	Not reported
Incident ITM:	T
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	INLAND FISHER GUIDE/
Responsible Party Contact:	DAVID WORRELL
Responsible Party Title:	ENV.ENG.
Responsible Party Phone:	609-771-6289
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Not reported
Facility Phone:	Not reported
Incident Date:	Not reported
Incident Time:	Not reported
Trenton Dispatch Log Number:	2547
Case Number:	95-2-22-1407-48
Date Received:	02/22/1995
Nature of Incident:	Other
Operator:	JIMH
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Unknown
CAS Number:	Not reported
A310 Letter:	No
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	1102
Ref. Code:	101
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	Not reported
Public Exposure:	Not reported
Facility Evacuation:	Not reported
Police at Scene:	Not reported
Firemen at Scene:	Not reported
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	Not reported
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	MOA
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-CAS
Incident Telephone:	Faxed,Mailed
Incident Date:	02/22/1995
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Incident Date:	Not reported
Incident Time:	ONGO
Trenton Dispatch Log Number:	1305
Case Number:	95-1-26-2326-55
Date Received:	01/26/1995
Nature of Incident:	Citizen
Operator:	KIM
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	ODORS
Substance Type:	Not reported
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	No
TCPA Chemical:	No

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Hazrds Material:	No
COMU:	1102
Ref. Code:	005
Amt Released:	UNKNOWN
Contained:	No
Release Type:	Continuous
Release VE:	Not reported
Injuries:	No
Public Exposure:	Yes
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Air
Receiving Water:	NONE
Status at Spill:	STRONG ODORS IN POWER ROOM COMING FROM FACILITIES OUTSIDE STACK.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Yes
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Odors
Incident Name:	Not reported
Incident Referred To:	OEP-AIR
Incident Region:	Central
Incident Telephone:	Faxed,Mailed
Incident Date:	01/26/1995
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	1995-05-17 00:00:00
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	INLAND FISHER GUIDE
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	609-771-6200
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	309
Case Number:	89-01-12-1740
Notify Type:	Not reported
Date Received:	01/12/1989
Location:	Facility
Other Location:	Not reported
Incident Date:	01/12/1989
Incident Time:	1330
A310 Letter:	No
Ref. Code:	02
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Municipal
Facility Phone:	609-771-6276
Substance(s):	OIL DIESEL
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	50 GAL.
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	Not reported
NJ Spill Date:	1989-01-12 00:00:00
NJ Spill Time:	PM
NJ Spill Name:	Not reported
NJ Spill Title:	NJSP
NJ Spill Phone:	TELEX
Other Date:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	ACID SEWER/TRMT PLNT
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	CARM
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	GM/FISHER GUIDE
Responsible Party Contact:	GEORGE HOLLERBACH
Responsible Party Title:	Not reported
Responsible Party Telephone:	609-771-6276
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP PD
Local Municipality Title:	DISP SOSS
Local Municipality Phone:	609-882-1313
Local Municipality Date:	01/12/1989
Local Municipality Time:	1756
Incident Name:	PRIIT PALS
Incident Referred To:	DEQ
Incident Region:	ER2
Incident Phone:	ANSW PAGE
Incident Date:	01/12/1989
Incident Name:	Not reported
Incident Referred To:	DEQ
Incident Region:	HQ1
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	12901
Case Number:	89-11-09-1321
Notify Type:	Not reported
Date Received:	11/09/1989
Location:	Facility
Other Location:	Not reported
Incident Date:	11/08/1989
Incident Time:	2200
A310 Letter:	Yes
Ref. Code:	002
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Municipal
Facility Phone:	609-771-6276
Substance(s):	NITRIC ACID
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	Yes
Hazrds Material:	Yes
Amnt Released:	400 GALS.
Release VE:	Actual
Contained:	No
Release Type:	Terminated
Incident Desc:	Air Release,Spill
Status at Spill:	Not reported
NJ Spill Date:	1989-11-09 00:00:00
NJ Spill Time:	1333
NJ Spill Name:	SGT LENARD
NJ Spill Title:	OEM
NJ Spill Phone:	OFFICE
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported

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GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	SEWER DRAIN
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Nature of Incident:	Other
Wind Direction/Speed:	N/A 0
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	LEE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	ISLAND FISHER GUIDE
Responsible Party Contact:	GEORGE HOLLERBACH
Responsible Party Title:	SUP.
Responsible Party Telephone:	609-771-6276
Responsible Party Street:	1445 PARKWAY
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	PTL. PARK
Local Municipality Title:	EWING P.D.
Local Municipality Phone:	882-1313
Local Municipality Date:	11/09/1989
Local Municipality Time:	1333
Incident Name:	BRUCE COMFORT
Incident Referred To:	DEQ
Incident Region:	ER2
Incident Phone:	OFFICE
Incident Date:	11/09/1989
Incident Name:	Not reported
Incident Referred To:	DEQ
Incident Region:	HQ1
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	2266
Case Number:	89-03-14-1124
Notify Type:	Not reported
Date Received:	03/14/1989
Location:	Not reported
Other Location:	Not reported
Incident Date:	03/14/1989
Incident Time:	1030
A310 Letter:	Yes
Ref. Code:	02
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Not reported
Facility Phone:	Not reported
Substance(s):	OIL SLUDGE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	25 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Not reported
Incident Desc:	Spill
Status at Spill:	Not reported
NJ Spill Date:	1989-03-14 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	OEM
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	Not reported
Road Closed:	Not reported
Facility Evacuation:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Receiving Water:	NONE
Public Evacuation:	No
Police at Scene:	Not reported
Firemen at Scene:	Not reported
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOEG
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	GENERAL MOTORS
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	609-771-6466
Responsible Party Street:	PARKWAY AVE
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERFER
Local Municipality:	Not reported
Local Municipality Name:	#35
Local Municipality Title:	EWING TWP
Local Municipality Phone:	882-1313
Local Municipality Date:	03/14/1989
Local Municipality Time:	1132
Incident Name:	F STOOP
Incident Referred To:	DEQ
Incident Region:	ER2
Incident Phone:	OFFICE
Incident Date:	03/14/1989
Incident Name:	Not reported
Incident Referred To:	DEQ
Incident Region:	HQ1
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	4967
Case Number:	94-3-28-0756-00
Notify Type:	Not reported
Date Received:	03/28/1994
Location:	Facility
Other Location:	Not reported
Incident Date:	03/28/1994
Incident Time:	0615
A310 Letter:	No
Ref. Code:	011
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Industrial
Facility Phone:	609-771-6289
Substance(s):	WATER, RAIN, WATER, WASTE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	No
Amnt Released:	UNKNOWN
Release VE:	Not reported
Contained:	No
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	SPILL DUE TO TANK OVERFLOW.ON SITE TEST TAKEN, NON HAZ MATERIAL.
NJ Spill Date:	1994-03-28 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	FAXED
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	GOLD RUN
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Contamination of:	Land,Water
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JULIE1
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	GMC
Responsible Party Contact:	DAVID WORREL
Responsible Party Title:	ENVIRO ENG
Responsible Party Telephone:	609-771-6289
Responsible Party Street:	1445 PARKWAY AVE
Responsible Party Municipality:	EWING
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	OEP-WATER
Incident Region:	Central
Incident Phone:	Faxed,Mailed
Incident Date:	03/28/1994
Incident Name:	Not reported
Incident Referred To:	DFG
Incident Region:	HQ1
Incident Phone:	Faxed
Incident Date:	1994-03-28 00:00:00
Comments:	Not reported
Date A310 Letter Printed:	1994-03-28 00:00:00
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	1994-03-28 00:00:00
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP FISHER BODY DIVISION (Continued)

S104439775

Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

R85
SE
1/4-1/2
0.441 mi.
2328 ft.
Relative:
Lower
Actual:
123 ft.

DELPHI INTERIOR & LIGHTING SYSTEMS
1445 PARKWAY AVE
EWING TWP, NJ 08650

NJ UST
NJ SPILLS
NJ ISRA

U002155836
N/A

Site 2 of 4 in cluster R

UST:
Facility ID: 011336

Contact:
Owner Name: MARILYN DEDYNE
Organization: GENERAL MOTORS CORP
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 2000 CENTERPOINT PKWAY
Contact Address 2 (UST Reg): MC483520190
Contact City,St,Zip (UST Reg): PONTIAC, MI 483410000

Owner Name: MARILYN DEDYNE
Organization: GENERAL MOTORS CORP
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 2000 CENTERPOINT PKWAY
Contact Address 2 (UST Reg): MC483520190
Contact City,St,Zip (UST Reg): PONTIAC, MI 483410000

Tanks:

Tank Id: TANK-1
Tank Number: A003
Tank Status: Removed
Tank Status Date: 08/01/1989
Install Date: 01/01/1969
Tank Contents: Other
Tank Size: 2500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-151585
Tank Number: E005
Tank Status: Removed
Tank Status Date: 04/10/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Install Date: 01/01/1944
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-151586
Tank Number: E006
Tank Status: Removed
Tank Status Date: 04/10/2008
Install Date: 01/01/1944
Tank Contents: Unleaded Gasoline
Tank Size: 1000
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-151593
Tank Number: E007
Tank Status: Removed
Tank Status Date: 01/01/1987
Install Date: 01/01/1971
Tank Contents: Unleaded Gasoline
Tank Size: 4000
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: E001
Tank Status: Removed
Tank Status Date: 08/01/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Install Date: 01/01/1979
Tank Contents: Unleaded Gasoline
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: E002
Tank Status: Removed
Tank Status Date: 01/31/1997
Install Date: 01/01/1944
Tank Contents: Waste Oil
Tank Size: 30000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Construction Type: Pipe CONVERSION (NON-NULLABLE)
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: E004
Tank Status: Abandoned in Place
Tank Status Date: 12/18/1988
Install Date: 01/01/1981
Tank Contents: Waste Oil
Tank Size: 3300
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank CONVERSION (NON-NULLABLE)
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

NJ SPILL:

Trenton Dispatch Log Number: 18265
Case Number: 96-11-14-1302-50
Notify Type: Not reported
Date Received: 11/14/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Location:	Facility
Other Location:	Not reported
Incident Date:	11/14/1996
Incident Time:	1240
A310 Letter:	Yes
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	OIL WASTE
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	50 GAL
Release VE:	Estimate
Contained:	Yes
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	LEAKING VALVE ON TRUCK CAUSED SPILLAGE.CLEANUP UNDERWAY
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Facility
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JIMH
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	SAFETY KLEEN
Responsible Party Contact:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Responsible Party Title: Not reported
Responsible Party Telephone: 215-736-8699
Responsible Party Street: 77 CANAL RD
Responsible Party Municipality: FAIRLESS HILLS
Responsible Party State: PA
Responsible Party Zip: Not reported
Responsible City,St,Zip: FAIRLESS HILLS, PA
Responsible Party County: Not reported
Local Municipality: Not reported
Local Municipality Name: EWING TWP
Local Municipality Title: OPER 29
Local Municipality Phone: 609-882-1313
Local Municipality Date: 11/14/1996
Local Municipality Time: 1309
Incident Name: Not reported
Incident Referred To: DRPSR
Incident Region: BFO-CAS
Incident Phone: Not reported
Incident Date: 11/14/1996
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: TOU
Incident Phone: Office
Incident Date: 1996-11-14 00:00:00
Comments: Not reported
Date A310 Letter Printed: 1996-11-14 00:00:00
Date Local Authority Was Notified: Not reported
Date Update: Not reported
Date Report Faxed to Local Authority: 1996-11-14 00:00:00
Local Authority Notification Date: Not reported
Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

NJ ISRA:

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date: 6/12/1998
Start Date: 03/24/1997
Case Status: Assigned to Program
Case No: E97070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Case Name: Delphi Interior & Lighting
Trigger Type: Cessation
Trigger Date: 06/12/1998

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date 6/12/1998
Start Date: 08/08/2011
Case Status: LSRP Oversight
Case No: E97070
Case Name: Delphi Interior & Lighting
Trigger Type: Cessation
Trigger Date: 06/12/1998

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date Not reported
Start Date: 03/24/1997
Case Status: Assigned to Program
Case No: E97070
Case Name: Delphi Interior & Lighting
Trigger Type: Declare Closure
Trigger Date: 02/01/1997

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date Not reported
Start Date: 08/08/2011
Case Status: LSRP Oversight
Case No: E97070
Case Name: Delphi Interior & Lighting
Trigger Type: Declare Closure
Trigger Date: 02/01/1997

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date 8/29/2018
Start Date: 03/24/1997
Case Status: Assigned to Program
Case No: E97070
Case Name: Delphi Interior & Lighting
Trigger Type: Property Sale
Trigger Date: 07/18/2018

Pi Number: 011336
Action Number: LSR110001
Title: E97070 Delphi Interior & Light
Isra Trg: Finalized Date 8/29/2018
Start Date: 08/08/2011
Case Status: LSRP Oversight
Case No: E97070
Case Name: Delphi Interior & Lighting
Trigger Type: Property Sale

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELPHI INTERIOR & LIGHTING SYSTEMS (Continued)

U002155836

Trigger Date: 07/18/2018

R86
SE
1/4-1/2
0.441 mi.
2328 ft.

GMC FISHER BODY DIVISION
1445 PARKWAY AVE
TRENTON, NJ 08618

Site 3 of 4 in cluster R

SEMS-ARCHIVE **1000229531**
CORRACTS **NJD002353951**
RCRA-TSDF
RCRA NonGen / NLR
US FIN ASSUR
PADS

Relative:
Lower

Actual:
123 ft.

SEMS Archive:
Site ID: 0200196
EPA ID: NJD002353951
Cong District: 04
FIPS Code: 34021
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)
Latitude: +40.265953
Longitude: -074.807243

SEMS Archive Detail:

Region: 02
Site ID: 0200196
EPA ID: NJD002353951
Site Name: GMC FISHER BODY DIVISION
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0200196
EPA ID: NJD002353951
Site Name: GMC FISHER BODY DIVISION
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-09-01 05:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 02
Site ID: 0200196
EPA ID: NJD002353951
Site Name: GMC FISHER BODY DIVISION
NPL: N
FF: N
OU: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0200196
EPA ID: NJD002353951
Site Name: GMC FISHER BODY DIVISION
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1985-02-01 06:00:00
Finish Date: 1985-02-01 06:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 20010828
Action: CA200 - RFI Approved
NAICS Code(s): 336111 332813 331528 33637
Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 20000107
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336111 332813 331528 33637
Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19970120
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 336111 332813 331528 33637

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19961107
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 336111 332813 331528 33637

Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19961107
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 336111 332813 331528 33637

Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19950419
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336111 332813 331528 33637

Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NJD002353951
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19920915
Action: CA050 - RFA Completed
NAICS Code(s): 336111 332813 331528 33637

Automobile Manufacturing
Electroplating, Plating, Polishing, Anodizing, and Coloring
Other Nonferrous Foundries (except Die-Casting)
Motor Vehicle Metal Stamping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 09/07/2010
Facility name: GENERAL MOTORS CORPORATION
Facility address: 1445 PARKWAY AVENUE
TRENTON, NJ 08628
EPA ID: NJD002353951
Mailing address: 2000 CENTERPOINT PARKWAY
M/C 483-520-190
PONTIAC, MI 48341
Contact: KIM D TUCKER-BILLINGS
Contact address: 2000 CENTERPOINT PARKWAY
PONTIAC, MI 48341
Contact country: US
Contact telephone: 248-753-5800
Contact email: KIM.TUCKER-BILLINGSLEA@GM.COM
EPA Region: 02
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/1938
Owner/Op end date: Not reported
Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

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GMC FISHER BODY DIVISION (Continued)

1000229531

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2007

Site name: GENERAL MOTORS CORPORATION

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006

Site name: GENERAL MOTORS CORPORATION

Classification: Small Quantity Generator

Date form received by agency: 03/17/2004

Site name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

. Waste code: F008

. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM
ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/28/2002

Site name: GENERAL MOTORS CORP

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF
LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS
CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE
FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,
WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE
MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT
WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS
CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A
CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN
OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS
USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN
THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE
DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

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GMC FISHER BODY DIVISION (Continued)

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- . Waste name: LEAD
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
- Date form received by agency: 02/27/1998
- Site name: DELPHI INTERIOR & LIGHTING SYSTMS GM COR
- Classification: Large Quantity Generator
- Date form received by agency: 02/28/1992
- Site name: INLAND FISHER GUIDE DIV/G M
- Classification: Large Quantity Generator
- Date form received by agency: 05/02/1990
- Site name: INLAND FISHER GUIDE DIV
- Classification: Large Quantity Generator
- Date form received by agency: 11/19/1980
- Site name: G M FISHER GUIDE DIV
- Classification: Not a generator, verified
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

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GMC FISHER BODY DIVISION (Continued)

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CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F010
- . Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SALT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
- . Waste code: F012
- . Waste name: QUENCHING WASTE WATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

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GMC FISHER BODY DIVISION (Continued)

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- . Waste code: F017
- . Waste name: Not Defined

- . Waste code: F018
- . Waste name: Not Defined

- . Waste code: P029
- . Waste name: COPPER CYANIDE

- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE

- . Waste code: P106
- . Waste name: SODIUM CYANIDE

- . Waste code: P121
- . Waste name: ZINC CYANIDE

- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)

- . Waste code: U154
- . Waste name: METHANOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T)

- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO-

- . Waste code: U220
- . Waste name: BENZENE, METHYL-

- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO-

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T)

Date form received by agency: 08/11/1980

Site name: G M FISHER GUIDE DIV

Classification: Large Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

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GMC FISHER BODY DIVISION (Continued)

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CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009

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GMC FISHER BODY DIVISION (Continued)

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- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F010
- . Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SALT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
- . Waste code: F012
- . Waste name: QUENCHING WASTE WATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
- . Waste code: F017
- . Waste name: Not Defined
- . Waste code: F018
- . Waste name: Not Defined
- . Waste code: P015
- . Waste name: BERYLLIUM
- . Waste code: P029
- . Waste name: COPPER CYANIDE
- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE
- . Waste code: P106
- . Waste name: SODIUM CYANIDE
- . Waste code: P121
- . Waste name: ZINC CYANIDE
- . Waste code: U075
- . Waste name: DICHLORODIFLUOROMETHANE
- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)
- . Waste code: U154
- . Waste name: METHANOL (I)
- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T)
- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO-
- . Waste code: U220
- . Waste name: BENZENE, METHYL-
- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO-

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. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Corrective Action Summary:

Event date: 09/15/1992
Event: RFA COMPLETED

Event date: 04/19/1995
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 11/07/1996
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 11/07/1996
Event: REMEDY CONSTRUCTION

Event date: 01/20/1997
Event: STABILIZATION CONSTRUCTION COMPLETED

Event date: 01/07/2000
Event: INVESTIGATION WORKPLAN APPROVED

Event date: 08/28/2001
Event: INVESTIGATION COMPLETE

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 05/31/2007
Date achieved compliance: 03/27/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/09/1995
Date achieved compliance: 11/14/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General

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GMC FISHER BODY DIVISION (Continued)

1000229531

Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/24/1991
Date achieved compliance: 04/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/01/1990

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GMC FISHER BODY DIVISION (Continued)

1000229531

Date achieved compliance: 03/23/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/02/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 05/23/1986
Date achieved compliance: 10/15/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/10/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 10/28/1985
Date achieved compliance: 01/29/1986
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/28/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/15/1985
Date achieved compliance: 06/25/1985
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/30/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1500
Final penalty amount: 0
Paid penalty amount: 1500

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/15/1985
Date achieved compliance: 04/08/1985

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GMC FISHER BODY DIVISION (Continued)

1000229531

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/04/1984
Date achieved compliance: 07/03/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/21/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/04/1984
Date achieved compliance: 03/19/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/05/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/01/1984
Date achieved compliance: 07/24/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/10/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/31/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/27/2009

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GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation lead agency: State

Evaluation date: 08/02/1999
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/14/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 11/14/1995
Evaluation lead agency: State

Evaluation date: 11/09/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 11/14/1995
Evaluation lead agency: State

Evaluation date: 08/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/16/1992
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/25/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/1991
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/1991

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GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/15/1991
Evaluation lead agency: State

Evaluation date: 01/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/25/1991
Evaluation lead agency: State

Evaluation date: 01/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 02/25/1991
Evaluation lead agency: State

Evaluation date: 03/26/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/23/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/23/1990
Evaluation lead agency: State

Evaluation date: 12/08/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/15/1986

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GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation lead agency:	State
Evaluation date:	11/27/1985
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	10/28/1985
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	TSD - General
Date achieved compliance:	01/29/1986
Evaluation lead agency:	State
Evaluation date:	10/07/1985
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/18/1985
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/15/1985
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	04/08/1985
Evaluation lead agency:	State
Evaluation date:	03/15/1985
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	06/25/1985
Evaluation lead agency:	State
Evaluation date:	08/09/1984
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/31/1984
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/09/1984
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/04/1984

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1000229531

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/19/1985
Evaluation lead agency: State

Evaluation date: 06/04/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/03/1984
Evaluation lead agency: State

Evaluation date: 05/03/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/28/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/01/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 07/24/1984
Evaluation lead agency: State

Evaluation date: 01/26/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

RCRA NonGen / NLR:

Date form received by agency: 09/07/2010
Facility name: GENERAL MOTORS CORPORATION
Facility address: 1445 PARKWAY AVENUE
TRENTON, NJ 08628
EPA ID: NJD002353951
Mailing address: 2000 CENTERPOINT PARKWAY
M/C 483-520-190
PONTIAC, MI 48341
Contact: KIM D TUCKER-BILLINGS
Contact address: 2000 CENTERPOINT PARKWAY
PONTIAC, MI 48341
Contact country: US
Contact telephone: 248-753-5800
Contact email: KIM.TUCKER-BILLINGSLEA@GM.COM
EPA Region: 02
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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GMC FISHER BODY DIVISION (Continued)

1000229531

Owner/Operator Summary:

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/1938
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2007
Site name: GENERAL MOTORS CORPORATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 03/17/2004
Site name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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GMC FISHER BODY DIVISION (Continued)

1000229531

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/28/2002

Site name: GENERAL MOTORS CORP

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Date form received by agency: 02/27/1998

Site name: DELPHI INTERIOR & LIGHTING SYSTMS GM COR

Classification: Large Quantity Generator

Date form received by agency: 02/28/1992

Site name: INLAND FISHER GUIDE DIV/G M

Classification: Large Quantity Generator

Date form received by agency: 05/02/1990

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GMC FISHER BODY DIVISION (Continued)

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Site name: INLAND FISHER GUIDE DIV
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Site name: G M FISHER GUIDE DIV
Classification: Not a generator, verified

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT

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GMC FISHER BODY DIVISION (Continued)

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FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F010
- . Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SALT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

- . Waste code: F012
- . Waste name: QUENCHING WASTE WATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F017
- . Waste name: Not Defined

- . Waste code: F018
- . Waste name: Not Defined

- . Waste code: P029
- . Waste name: COPPER CYANIDE

- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE

- . Waste code: P106
- . Waste name: SODIUM CYANIDE

- . Waste code: P121
- . Waste name: ZINC CYANIDE

- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)

- . Waste code: U154
- . Waste name: METHANOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T)

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. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO-

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Date form received by agency: 08/11/1980

Site name: G M FISHER GUIDE DIV

Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE

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OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

- . Waste code: F008
- . Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F009
- . Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F010
- . Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F011
- . Waste name: SPENT CYANIDE SOLUTIONS FROM SALT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

- . Waste code: F012
- . Waste name: QUENCHING WASTE WATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

- . Waste code: F017
- . Waste name: Not Defined

- . Waste code: F018
- . Waste name: Not Defined

- . Waste code: P015
- . Waste name: BERYLLIUM

- . Waste code: P029
- . Waste name: COPPER CYANIDE

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. Waste code: P098
. Waste name: POTASSIUM CYANIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE

. Waste code: P121
. Waste name: ZINC CYANIDE

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T)

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO-

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Corrective Action Summary:

Event date: 09/15/1992
Event: RFA COMPLETED

Event date: 04/19/1995
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 11/07/1996
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 11/07/1996
Event: REMEDY CONSTRUCTION

Event date: 01/20/1997
Event: STABILIZATION CONSTRUCTION COMPLETED

Event date: 01/07/2000
Event: INVESTIGATION WORKPLAN APPROVED

Event date: 08/28/2001
Event: INVESTIGATION COMPLETE

Facility Has Received Notices of Violations:

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Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 05/31/2007
Date achieved compliance: 03/27/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/09/1995
Date achieved compliance: 11/14/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 01/24/1991
Date achieved compliance: 02/25/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/24/1991
Date achieved compliance: 04/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/01/1990
Date achieved compliance: 03/23/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/02/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 05/23/1986
Date achieved compliance: 10/15/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/10/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Date violation determined: 10/28/1985
Date achieved compliance: 01/29/1986
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/28/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/15/1985
Date achieved compliance: 06/25/1985
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/30/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1500
Final penalty amount: 0
Paid penalty amount: 1500

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/15/1985
Date achieved compliance: 04/08/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/04/1984
Date achieved compliance: 07/03/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/21/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/04/1984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Date achieved compliance: 03/19/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/05/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/01/1984
Date achieved compliance: 07/24/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/10/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/31/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/27/2009
Evaluation lead agency: State

Evaluation date: 08/02/1999
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/12/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/14/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 11/14/1995
Evaluation lead agency: State

Evaluation date: 11/09/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Manifest
Date achieved compliance:	11/14/1995
Evaluation lead agency:	State
Evaluation date:	08/19/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/16/1992
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/25/1991
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/19/1991
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	01/24/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	04/15/1991
Evaluation lead agency:	State
Evaluation date:	01/24/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	02/25/1991
Evaluation lead agency:	State
Evaluation date:	01/24/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - Manifest/Records/Reporting
Date achieved compliance:	02/25/1991
Evaluation lead agency:	State
Evaluation date:	03/26/1990
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/23/1990
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation lead agency: State

Evaluation date: 03/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/23/1990
Evaluation lead agency: State

Evaluation date: 12/08/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/15/1986
Evaluation lead agency: State

Evaluation date: 11/27/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General
Date achieved compliance: 01/29/1986
Evaluation lead agency: State

Evaluation date: 10/07/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/18/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/1985

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/08/1985
Evaluation lead agency: State

Evaluation date: 03/15/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/25/1985
Evaluation lead agency: State

Evaluation date: 08/09/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/09/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/04/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/19/1985
Evaluation lead agency: State

Evaluation date: 06/04/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/03/1984
Evaluation lead agency: State

Evaluation date: 05/03/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/28/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/01/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 07/24/1984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Evaluation lead agency: State

Evaluation date: 01/26/1984
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US FIN ASSUR:

EPA ID: NJD002353951
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 8000000
Face value: 8000000
Effective date: 2009-04-01 00:00:00
Provider: AMERICAN INTERNATIONAL SPECIALTY LINES INSURANCE COMPANY
EPA region: 2

EPA ID: NJD002353951
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 8000000
Face value: 8000000
Effective date: 2010-04-01 00:00:00
Provider: CHARTIS SPECIALTY INSURANCE COMP.
EPA region: 2

EPA ID: NJD002353951
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 293500
Face value: 638679
Effective date: 2009-04-01 00:00:00
Provider: LEXINGTON INSURANCE COMPANY
EPA region: 2

EPA ID: NJD002353951
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 297022
Face value: 297022
Effective date: 2010-04-01 00:00:00
Provider: LEXINGTON INSURANCE COMPANY
EPA region: 2

PADS:

EPAID: NJD002353951
Facility name: INLAND FISHER GUIDE DIV
Facility Address: 1445 PARKWAY AVENUE
TRENTON, NJ 08628
Facility country: US
Generator: Yes
Storer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC FISHER BODY DIVISION (Continued)

1000229531

Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: GENERAL MOTORS CORP.
Contact title: Not reported
Contact name: DAVID WORRELL
Contact tel: 609-771-6289
Contact extension: Not reported
Contact Email: Not reported
Mailing address: P.O. BOX 9019
TRENTON, NJ 08650-1019
Mailing country: US
Cert. date: 08/26/1993

R87
SE
1/4-1/2
0.441 mi.
2328 ft.

DELPHI INTERIOR & LIGHTING SYSTEMS
1445 PARKWAY AVE
EWING TWP, NJ

NJ SHWS **S110747451**
NJ LUST **N/A**

Site 4 of 4 in cluster R

Relative:
Lower

SHWS:
Site ID: 14633
Status: Active
Home Owner: No
PI Number: 011336

Actual:
123 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

LUST:

Case ID: 011336
Activity Number: LSR110001

S88
SSW
1/4-1/2
0.445 mi.
2351 ft.

OUR LADY OF GOOD COUNSEL ROMAN CATHOLIC CHURCH
137 WEST UPPER FERRY ROAD
WEST TRENTON, NJ

NJ HIST LUST **S104394633**
N/A

Site 1 of 2 in cluster S

Relative:
Lower

LUST HIST:
Case ID: 99-07-13-1243-08
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: **Site Issued Letter of No Further Action for Area(s) Of Concern**
UST ID: 0332417
TMS Number: N99-0572
Remedial Level: Site has 1 area of concern with 1 media of concern.
Case Manager: Maria Brimat
Facility Phone: (609) 633-8110
No Further Action: 7/17/2000 0:00:00
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported

Actual:
159 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF GOOD COUNSEL ROMAN CATHOLIC CHURCH (Continued)

S104394633

Dead Notice: Not reported

S89
SSW
1/4-1/2
0.445 mi.
2351 ft.

OUR LADY OF GOOD COUNSEL RC CHURCH
137 W UPPER FERRY RD
EWING TWP, NJ 08628

NJ SHWS
NJ UST
NJ NJEMS
NJ SPILLS

U003653329
N/A

Site 2 of 2 in cluster S

Relative:
Lower
Actual:
159 ft.

SHWS:
Site ID: 17022
Status: Closed
Home Owner: No
PI Number: 033241

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

UST:

Facility ID: 033241

Contact:

Owner Name: Not Identified Not Identified
Organization: MSG W FITZGERALD
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: MSG W FITZGERALD
Organization: OUR LADY OF GOOD COUNSEL RC CHURCH
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 137 W UPPER FERRY RD
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Ewing, NJ 08628

Tanks:

Tank Id: TANK-1
Tank Number: 0001
Tank Status: Removed
Tank Status Date: 07/13/1999
Install Date: 12/01/1978
Tank Contents: Heating Oil (No. 2)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: No
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF GOOD COUNSEL RC CHURCH (Continued)

U003653329

NJEMS:

Site Id:	17022
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	401390
Y Coord:	520715
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	Digital Image
Coord Orign:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay:	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210080
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ SPILL:

Trenton Dispatch Log Number:	46192
Case Number:	99-07-13-1243-08
Notify Type:	Other
Date Received:	07/13/1999
Location:	Facility
Other Location:	Not reported
Incident Date:	07/12/1999
Incident Time:	Not reported
A310 Letter:	True
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	No
Incident Location:	Not reported
Facility Type:	Residential
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	1/10000 GAL UST REMOVED.SOIL CONT FOUND.CLEAN UP TO BE DONE.UST 0332417 N99-0572
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF GOOD COUNSEL RC CHURCH (Continued)

U003653329

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	No
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	No
Memo. Of Understanding:	No
Drill/trng Exercise:	No
Operator:	JULIE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	OUR LADY OF GOOD COU
Responsible Party Contact:	MNSG FITZPATRICK
Responsible Party Title:	Not reported
Responsible Party Telephone:	609-882-3277
Responsible Party Street:	137 W UPPER FERRY RD
Responsible Party Municipality:	WEST TRENTON
Responsible Party State:	NJ
Responsible Party Zip:	08628
Responsible City,St,Zip:	WEST TRENTON, NJ
Responsible Party County:	MERCER
Local Municipality:	No
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

OUR LADY OF GOOD COUNSEL RC CHURCH (Continued)

U003653329

Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported

90
NE
1/4-1/2
0.451 mi.
2381 ft.

JOHNSON & JOHNSON
MERCER CNTY AIRPORT
EWING TOWNSHIP, NJ 08628

NJ BROWNFIELDS **S108973540**
N/A

Relative:
Higher

BROWNFIELDS:

Actual:
199 ft.

Price:	Not reported
Assessed Value:	Not reported
Property Size:	Unknown
Annual Taxes:	Not reported
Representative Address:	Not reported
Representative City/State/Zip:	Not reported
Submitter Name:	Not reported
Submitter Address1:	Not reported
Submitter Address2:	Not reported
Submitter City:	Not reported
Submitter State:	Not reported
Submitter Zip:	Not reported
Submitter Email:	Not reported
Submitter Phone:	Not reported
Transaction Type:	Not reported
Transfer Type:	Not reported
Site Number:	7403
X Coordinate:	406195
Y Coordinate:	528484
Coord:	406195:528484
AutoID:	Not reported
Ownership Type:	unknown
Ownership:	DEP Case
PStatus:	No Longer Brownfield
PI Number:	002269
Owner Name:	County of Mercer
Owner Address + Owner Street:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	Not reported

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JOHNSON & JOHNSON (Continued)

S108973540

Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Block:	373
Lot:	9
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON (Continued)

S108973540

Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,9/24/1998 2) C2: Formal Design - Known Source or Release with GW Contamination established 5/1/1996
County_int_FK:	11
Municipality_int_FK:	286
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

T91
NE
1/4-1/2
0.454 mi.
2395 ft.

MARINE CORPS MERCER COUNTY AIRPORT
SCOTCH RD
EWING, NJ

NJ HIST LUST **S104391268**
N/A

Site 1 of 7 in cluster T

Relative:
Higher

LUST HIST:

Actual:
203 ft.

Case ID:	94-04-20-0945
Lead Program Assigned:	Bureau of Field Operations - Initial Notice Section
Facility Status:	Site Issued Letter of No Further Action for Area(s) Of Concern
UST ID:	0187086
TMS Number:	C93-5911
Remedial Level:	Site has 1 area of concern with 1 media of concern.
Case Manager:	Rafael Rivera
Facility Phone:	(609) 633-1435
No Further Action:	1/15/1998 0:00:00
RAW Approved:	Not reported
CEA:	Not reported
Date CEA Lifted:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS MERCER COUNTY AIRPORT (Continued)

S104391268

Dead Notice: Not reported

T92
NE
1/4-1/2
0.454 mi.
2395 ft.

MERCER COUNTY AIRPORT;J&J TERMINAL
SCOTCH RD
EWING, NJ

NJ HIST LUST

S104391084
N/A

Site 2 of 7 in cluster T

Relative:
Higher
Actual:
203 ft.

LUST HIST:
Case ID: 94-01-14-1001
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0022691
TMS Number: C91-3901
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: David Rubin
Facility Phone: (609) 633-1284
No Further Action: Not reported
RAW Approved: Y
CEA: Y
Date CEA Lifted: Not reported
Dead Notice: Not reported

T93
NE
1/4-1/2
0.454 mi.
2395 ft.

MERCER COUNTRY AIRPORT
SCOTCH ROAD
EWING TWP, NJ

NJ HIST LUST

S104391817
N/A

Site 3 of 7 in cluster T

Relative:
Higher
Actual:
203 ft.

LUST HIST:
Case ID: 95-03-06-1604
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0261254
TMS Number: C94-1591
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: David Nickerson
Facility Phone: (609) 633-1445
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

T94
NE
1/4-1/2
0.454 mi.
2395 ft.

MERCER CNTY
MERCER COUNTY AIRPORT
TRENTON, NJ

NJ HIST LUST

S105048650
N/A

Site 4 of 7 in cluster T

Relative:
Higher
Actual:
203 ft.

LUST HIST:
Case ID: 01-07-23-1556-01
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0301664

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY (Continued)

S105048650

TMS Number: N01-0306
Remedial Level: Site has more than 1 area of concern or more than 1 media of concern.
Case Manager: Judy Bayard
Facility Phone: (609) 633-0836
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

T95
NE
1/4-1/2
0.454 mi.
2395 ft.

UNISYS AVIATION DEPT
MERCER COUNTY AIRPORT
EWING, NJ

NJ HIST LUST **S104390139**
N/A

Site 5 of 7 in cluster T

Relative:
Higher

LUST HIST:

Actual:
203 ft.

Case ID: 92-09-08-1629
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0051491
TMS Number: C92-1552; C92-0759
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: John Ruhl
Facility Phone: (609) 984-9759
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

T96
NE
1/4-1/2
0.454 mi.
2395 ft.

MERCER COUNTY AIRPORT
MERCER COUNTY AIRPORT
EWING TWP, NJ 08628

NJ HIST HWS **U003564822**
NJ LUST **N/A**
NJ UST

Site 6 of 7 in cluster T

Relative:
Higher

HIST SHWS:

Actual:
203 ft.

Case Status: Active
Status Date: 7/23/2001
Case ID: 030166
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C1
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: Not reported
Y Coordinate: Not reported
Coordinate System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER COUNTY AIRPORT (Continued)

U003564822

LUST:

Case ID: 030166
Activity Number: LSR100001

UST:

Facility ID: 030166

Contact:

Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: NOT REPORTED
Organization: MERCER COUNTY
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 640 S BROAD ST
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08628

Tanks:

Tank Id: TANK-1
Tank Number: A1
Tank Status: Removed
Tank Status Date: 07/05/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 13500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: A3
Tank Status: Removed
Tank Status Date: 07/05/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 13500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER COUNTY AIRPORT (Continued)

U003564822

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: A4
Tank Status: Removed
Tank Status Date: 07/13/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 13500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: A5
Tank Status: Removed
Tank Status Date: 07/13/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 25000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-5
Tank Number: A6
Tank Status: Removed
Tank Status Date: 07/30/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 25000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER COUNTY AIRPORT (Continued)

U003564822

Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-6
Tank Number: E2
Tank Status: Removed
Tank Status Date: 07/13/2001
Install Date: 01/01/1945
Tank Contents: Aviation Fuel
Tank Size: 13500
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

T97
NE
1/4-1/2
0.454 mi.
2395 ft.

RCA/GE FLIGHT OPERATIONS
MERCER COUNTY AIRPORT, SCOTCH ROAD
EWING, NJ

NJ HIST LUST **S104387462**
N/A

Site 7 of 7 in cluster T

Relative:
Higher
Actual:
203 ft.

LUST HIST:
Case ID: 87-02-28-0920
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0051491
TMS Number: Not reported
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: John Ruhl
Facility Phone: (609) 984-9759
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

U98
ENE
1/4-1/2
0.454 mi.
2398 ft.
Relative:
Lower
Actual:
193 ft.

MERCER CNTY AIRPORT
MERCER COUNTY AIRPORT
EWING TWP, NJ 08628

Site 1 of 3 in cluster U

NJ SHWS **1000538295**
NJ HIST HWS **N/A**
NJ LUST
NJ HIST LUST
NJ UST
NJ BROWNFIELDS
NJ SPILLS
NJ Release

SHWS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Site ID: 89319
Status: Active
Home Owner: No
PI Number: 030166

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: Active
Status Date: 8/28/1995
Case ID: 026125
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: Ongoing
Classification exception area dt: 11/6/1997
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: Not reported
Y Coordinate: Not reported
Coordinate System: Not reported

LUST:

Case ID: 026125
Activity Number: LSR120001

LUST HIST:

Case ID: 87-04-02-01C
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
UST ID: 0032087
TMS Number: Not reported
Remedial Level: Site has confirmed soil and ground water contamination.
Case Manager: Bernard Meyer
Facility Phone: (609) 292-8761
No Further Action: 7/24/1995 0:00:00
RAW Approved: N
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

Case ID: 94-01-28-1435
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0261254
TMS Number: C93-2401; C93-2078; C93-2402
Remedial Level: Site has confirmed soil and ground water contamination.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Case Manager: David Nickerson
Facility Phone: (609) 633-1445
No Further Action: Not reported
RAW Approved: Y
CEA: Y
Date CEA Lifted: Not reported
Dead Notice: N

Case ID: 99-10-01-1551-03
Lead Program Assigned: Bureau of Field Operations - Initial Notice Section
Facility Status: Case Awaiting Assignment
UST ID: Not reported
TMS Number: Not reported
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

UST:
Facility ID: 026125

Contact:
Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Not reported

Owner Name: WALTER KRAWTSCHENKO
Organization: MERCER COUNTY
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 640 SO BROAD ST
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Trenton, NJ 08625

Tanks:
Tank Id: TANK-1
Tank Number: 0001
Tank Status: Removed
Tank Status Date: 05/23/1994
Install Date: 01/01/1969
Tank Contents: Heating Oil (No. 6)
Tank Size: 10000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-10
Tank Number: 0010
Tank Status: Removed
Tank Status Date: 03/09/1995
Install Date: 01/01/1983
Tank Contents: Heating Oil (No. 2)
Tank Size: 4000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-11
Tank Number: 0011
Tank Status: Removed
Tank Status Date: 03/08/1995
Install Date: 01/01/1981
Tank Contents: Heating Oil (No. 2)
Tank Size: 2000
Tank Compliance: No
Overfill: Yes
Compliance Monitoring?: No
Overfill Protection: Yes
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-12
Tank Number: 0012
Tank Status: Removed
Tank Status Date: 05/24/1994
Install Date: 01/01/1979
Tank Contents: Heating Oil (No. 2)
Tank Size: 5000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-13
Tank Number: 0013
Tank Status: Removed
Tank Status Date: 03/06/1995
Install Date: 01/01/1971
Tank Contents: Light Diesel Fuel (No. 1-D)
Tank Size: 550
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-2
Tank Number: 0002
Tank Status: Removed
Tank Status Date: 05/23/1994
Install Date: 01/01/1971
Tank Contents: Leaded Gasoline
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-3
Tank Number: 0003
Tank Status: Removed
Tank Status Date: 05/23/1994
Install Date: 01/01/1971
Tank Contents: Leaded Gasoline
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-4
Tank Number: 0004
Tank Status: Removed
Tank Status Date: 05/23/1994
Install Date: 01/01/1971
Tank Contents: Unleaded Gasoline
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-5
Tank Number: 0005
Tank Status: Removed
Tank Status Date: 06/03/1995
Install Date: 01/01/1979
Tank Contents: Heating Oil (No. 4)
Tank Size: 3000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-6
Tank Number: 0006
Tank Status: Removed
Tank Status Date: 03/06/1995
Install Date: 01/01/1981
Tank Contents: Heating Oil (No. 2)
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-7
Tank Number: 0007
Tank Status: Removed
Tank Status Date: 03/08/1995
Install Date: 01/01/1981
Tank Contents: Heating Oil (No. 2)
Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-8
Tank Number: 0008
Tank Status: Removed
Tank Status Date: 03/08/1995
Install Date: 01/01/1981
Tank Contents: Heating Oil (No. 2)
Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-9
Tank Number: 0009
Tank Status: Removed
Tank Status Date: 03/09/1995
Install Date: 01/01/1985
Tank Contents: Heating Oil (No. 2)
Tank Size: 1000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Tank Cathodically protected steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

BROWNFIELDS:

Price: Not reported
Assessed Value: Not reported
Property Size: Unknown
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported
Submitter Phone: Not reported
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 7460
X Coordinate: 403449
Y Coordinate: 525953
Coord: 403449:525953
AutoID: Not reported
Ownership Type: unknown
Ownership: DEP Case
PStatus: No Longer Brownfield
PI Number: 030166
Owner Name: Not reported
Owner Address + Owner Street: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner County: Not reported
Owner Phone: 9999999999
Owner Fax: 9999999999
Owner Email: Not reported
Owner Organization: Not reported
Authorized Representative: Not reported
Auth Rep Relation to Owner: Not reported
Municipal Contact Name: Not reported
Municipal Contact Street: Not reported
Municipal Contact City: Not reported
Municipal Contact State: Not reported
Municipal Contact Zip Code: Not reported
Municipal Contact Phone: 9999999999
Municipal Contact Fax: 9999999999
Municipal Contact Email: Not reported
Department: Not reported
Municipal Contact Title: Not reported
Contact Relation to Owner: Not reported
Current Zoning: Not reported
Proposed Zoning: Not reported
Copy of Title Insurance: Not reported
Block: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,7/23/2001 2) C1: No Formal Design - Source Known or Identified-Potential GW Contamination established 1/31/2002
County_int_FK:	11
Municipality_int_FK:	286
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	10643
Case Number:	91-7-19-1607-41
Notify Type:	Not reported
Date Received:	07/19/1991
Location:	Other
Other Location:	Not reported
Incident Date:	07/19/1991
Incident Time:	1452
A310 Letter:	No
Ref. Code:	002
COMU:	1102
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	DIESEL FUEL
Substance Type:	Known
Substance Identity:	Liquid
TCPA Chemical:	No
Hazrds Material:	Yes
Amnt Released:	UNK
Release VE:	Not reported
Contained:	No
Release Type:	Terminated
Incident Desc:	Spill
Status at Spill:	DUE TO MVA SADDLE TANK RUPTURED. WAITING FOR ASSISTANCE.
NJ Spill Date:	1991-07-19 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	Not reported
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	ASSINPINK CREEK
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land,Water
Nature of Incident:	Municipal
Wind Direction/Speed:	Not reported
Assistance Requested:	Yes
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	JOYCE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	UnKnown
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	P DIGANGI
Incident Referred To:	DEQ
Incident Region:	ER2
Incident Phone:	Office,Faxed
Incident Date:	07/19/1991
Incident Name:	D. ROSENBLATT
Incident Referred To:	DWR
Incident Region:	Monitoring
Incident Phone:	Home
Incident Date:	1991-07-21 00:00:00
Comments:	Not reported
Date A310 Letter Printed:	1991-07-19 00:00:00
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Reporter Name: Not reported
Reporter Type: Not reported
Rep Received Date: Not reported
Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

Trenton Dispatch Log Number: 1385
Case Number: 94-1-28-1435-29
Notify Type: Not reported
Date Received: 01/28/1994
Location: Other
Other Location: Not reported
Incident Date: 01/28/1994
Incident Time: 1330
A310 Letter: Yes
Ref. Code: 101
COMU: 1102
CAS Number: Not reported
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Industrial
Facility Phone: 609-882-1600
Substance(s): OIL FUEL #6
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: Yes
Amnt Released: UNK
Release VE: Not reported
Contained: Yes
Release Type: Intermittent
Incident Desc: Spill
Status at Spill: OIL LEAKING FROM UST, NAPPI TRUCKING ENROUTE TO DO CLEANUP.
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Phone: Not reported
Injuries: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Public Exposure:	No
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Other
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	DAVE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	MERCER COUNTY AIRPOR
Responsible Party Contact:	JERRY THOMAS
Responsible Party Title:	SUPV
Responsible Party Telephone:	609-882-1600
Responsible Party Street:	SCOTCH RD
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP 11
Local Municipality Phone:	609-882-1313
Local Municipality Date:	01/28/1994
Local Municipality Time:	1435
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Phone:	Not reported
Incident Date:	01/28/1994
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Trenton Dispatch Log Number:	53407
Case Number:	99-11-11-1506-43
Notify Type:	Other
Date Received:	11/11/1999
Location:	Facility
Other Location:	Not reported
Incident Date:	11/11/1999
Incident Time:	Not reported
A310 Letter:	True
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	No
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	REMOVAL OF 1-3000 GALLON TANK.UST # 0053714.TMS#C98-1984.CASE MANAGER JOHN RUHL
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	No
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	No
Memo. Of Understanding:	No
Drill/trng Exercise:	No
Operator:	JIMH
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	MERCER COUNTY AIRPOR
Responsible Party Contact:	RICHARD VINET
Responsible Party Title:	MGR
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	EWING TWP
Responsible Party State:	NJ
Responsible Party Zip:	08628
Responsible City,St,Zip:	EWING TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	No
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Confidential: Not reported

NJ Release:

Facility Type: Commercial
Facility Phone: 609-882-1600
Incident Date: 03/06/1995
Incident Time: 1200
Trenton Dispatch Log Number: 3123
Case Number: 95-3-6-1604-26
Date Received: 03/06/1995
Nature of Incident: Facility
Operator: DIANNE
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): OIL FUEL #2
Substance Type: Liquid
Substance Identity: Known
CAS Number: Not reported
A310 Letter: Yes
TCPA Chemical: No
Hazrds Material: Yes
COMU: 1102
Ref. Code: 101
Amt Released: UNKNOWN
Contained: Yes
Release Type: Terminated
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Land
Receiving Water: Not reported
Status at Spill: 1-3000 GAL UST REMOVED. SOIL CONTAMINATION FOUND. REMOVAL & CLEAN UP
DONE BY ABC TANK. TMS# C941591 UST# 0261254.
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Telephone: Not reported
Public Evacuation: No
Assistance Requested: No
Wind Direction/Speed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCER CNTY AIRPORT (Continued)

1000538295

Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPR. #11
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	03/06/1995
Local Municipality Time:	1607
Incident Description:	U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-CAS
Incident Telephone:	Faxed,Mailed
Incident Date:	03/06/1995
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	COUNTY OF MERCER
Responsible Party Contact:	WALTER KRAWTSCHENKO
Responsible Party Title:	RISK MNGR
Responsible Party Phone:	609-989-6655
Responsible Party Street:	P.O. BOX 8068
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	TRENTON, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U99
ENE
1/4-1/2
0.454 mi.
2398 ft.

300 SCOTCH RD
EWING TWP, NJ 08628

Site 2 of 3 in cluster U

NJ SHWS **S105313502**
NJ Release **N/A**

Relative:
Lower

SHWS:

Site ID: 6568
Status: Active
Home Owner: No
PI Number: 003208

Actual:
193 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Commercial
Facility Phone: Not reported
Incident Date: 06/28/1993
Incident Time: Not reported
Trenton Dispatch Log Number: 17934
Case Number: 93-10-22-1551-42
Date Received: 10/22/1993
Nature of Incident: Facility
Operator: PAT
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): OIL HEATING #2
Substance Type: Liquid
Substance Identity: Suspected
CAS Number: Not reported
A310 Letter: Yes
TCPA Chemical: No
Hazardous Material: Yes
COMU: 1102
Ref. Code: 101
Amount Released: UNK
Contained: No
Release Type: Continuous
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Land
Receiving Water: Not reported
Status at Spill: ONE 4,000 GAL UST FAILED APTT TEST. NO FURTHER ACTION TAKEN.

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105313502

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPR 9
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	10/22/1993
Local Municipality Time:	1550
Incident Description:	L.U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Telephone:	Faxed,Mailed
Incident Date:	10/22/1993
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	MERCER COUNTY DPW
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105313502

Responsible Party Phone:	Not reported
Responsible Party Street:	300 SCOTCH RD
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Incident Date:	09/05/2003
Incident Time:	Not reported
Trenton Dispatch Log Number:	70117
Case Number:	03-09-05-1132-41
Date Received:	09/05/2003
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	COUNTY OF MERCER DPW
Location:	Not reported
Other Location:	Not reported
Contact Name:	WALTER KRASCHENKO
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105313502

Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	09/05/2003
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	COUNTY OF MERCER
Incident Address:	640 BROAD ST
Incident Address 2:	Not reported
Incident City,St,Zip:	Trenton City, NJ
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported
Facility Type:	Commercial

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105313502

Facility Phone:	Not reported
Incident Date:	03/21/2013
Incident Time:	Not reported
Trenton Dispatch Log Number:	465192
Case Number:	13-03-21-1113-46
Date Received:	03/21/2013
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Other
Incident Location:	MERCER COUNTY DOT YARD
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105313502

Local Municipality Time: Not reported
Incident Description: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Telephone: Not reported
Incident Date: Not reported
Incident time: Not reported
Incident ITM: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Rep Receive Date: 03/21/2013
Reporter Type: Citizen Complaint
Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Continuous
Incident Category: Other
Incident Source: COUNTY OF MERCER
Incident Address: 300 SCOTCH RD
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

U100
ENE
1/4-1/2
0.454 mi.
2398 ft.

COUNTY OF MERCER DEPARTMENT OF PUBLIC WORKS
300 SCOTCH ROAD
EWING, NJ
Site 3 of 3 in cluster U

NJ HIST LUST S104390922
N/A

Relative:
Lower

LUST HIST:

Actual:
193 ft.

Case ID: 93-10-22-1551
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Assigned to a Program
UST ID: 0032087

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COUNTY OF MERCER DEPARTMENT OF PUBLIC WORKS (Continued)

S104390922

TMS Number: N99-0357,C97-0694
Remedial Level: Site has more than 1 area of concern or more than 1 media of concern.
Case Manager: David Rubin
Facility Phone: (609) 633-1284
No Further Action: Not reported
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

101
SSE
1/4-1/2
0.456 mi.
2406 ft.

110 SUMMIT AVENUE
110 SUMMIT AVE
EWING TWP, NJ

NJ SHWS S111264188
NJ Release N/A

Relative:
Lower
Actual:
164 ft.

SHWS:
Site ID: 451104
Status: Closed
Home Owner: Yes
PI Number: 567311
Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:
Facility Type: Residential
Facility Phone: Not reported
Incident Date: 08/31/2011
Incident Time: Not reported
Trenton Dispatch Log Number: 400655
Case Number: 11-08-31-1025-02
Date Received: 08/31/2011
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: JOEL CAULTON
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

110 SUMMIT AVENUE (Continued)

S111264188

Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	08/31/2011
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ESTATE OF JANET CAULTON
Incident Address:	318 WINDSOR CT
Incident Address 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

110 SUMMIT AVENUE (Continued)

S111264188

Incident City,St,Zip: Ewing Twp, NJ 08638
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

**102
SE
1/2-1
0.531 mi.
2804 ft.**

**CORE STATE BANK
40 SCOTCH RD
EWING TWP, NJ**

**NJ SHWS S109307710
N/A**

**Relative:
Lower
Actual:
134 ft.**

SHWS:
Site ID: 72770
Status: Closed
Home Owner: No
PI Number: G000027576

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

**V103
South
1/2-1
0.538 mi.
2839 ft.**

**507 GRAND AVENUE
507 GRAND AVE
EWING TWP, NJ

Site 1 of 2 in cluster V**

**NJ SHWS S112400220
NJ Release N/A**

**Relative:
Lower
Actual:
149 ft.**

SHWS:
Site ID: 494964
Status: Closed
Home Owner: Yes
PI Number: 623807

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:
Facility Type: Residential

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

507 GRAND AVENUE (Continued)

S112400220

Facility Phone:	Not reported
Incident Date:	08/24/2012
Incident Time:	Not reported
Trenton Dispatch Log Number:	436486
Case Number:	12-08-24-0940-54
Date Received:	08/24/2012
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	RESID
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

507 GRAND AVENUE (Continued)

S112400220

Local Municipality Time: Not reported
Incident Description: Not reported
Incident Name: Not reported
Incident Referred To: Not reported
Incident Region: Not reported
Incident Telephone: Not reported
Incident Date: Not reported
Incident time: Not reported
Incident ITM: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Rep Receive Date: 08/24/2012
Reporter Type: Other
Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: JOHN VAN MARTER
Incident Address: 507 GRAND AVE
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

V104
South
1/2-1
0.549 mi.
2898 ft.
500 GRAND AVENUE
500 GRAND AVE
EWING TWP, NJ 08628
Site 2 of 2 in cluster V

NJ SHWS
NJ VCP
NJ NJEMS
S108950003
N/A

Relative:
Lower
Actual:
149 ft.
SHWS:
Site ID: 358861
Status: Closed
Home Owner: Yes
PI Number: 443757

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

500 GRAND AVENUE (Continued)

S108950003

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 05-01-07-1141-12
MOA Execution Date: 08/15/2007
Type Of Vcp File: CURRENT
Pi Number: 443757
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: KENNETH E RITZ
Case Contact: Organization Not reported
Case Contact: Address: Line1 8804 GREENWOOD AVE
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: MUNSTER, IN 46321

NJEMS:

Site Id: 358861
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 403791
Y Coord: 520589
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Orign: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

105
East
1/2-1
0.550 mi.
2905 ft.

MARTINDELL MOLDING COMPANY
1405 LOWER FERRY ROAD
EWING TWP, NJ 08628

NJ SHWS S109307116
NJ ISRA N/A

Relative:
Lower
Actual:
175 ft.

SHWS:
Site ID: 70996
Status: Closed
Home Owner: No
PI Number: G000006755

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARTINDELL MOLDING COMPANY (Continued)

S109307116

Y Coord Site: Not reported
Y Coord PI: Not reported

NJ ISRA:

Pi Number: G000006755
Action Number: ISR870001
Title: E86A64 Martindell Molding Comp
Isra Trg: Finalized Date Not reported
Start Date: 04/24/1991
Case Status: NFA (No Further Action) HISTORIC
Case No: E86A64
Case Name: Martindell Molding Company
Trigger Type: Business Sale
Trigger Date: 10/13/1987

Pi Number: G000006755
Action Number: ISR870001
Title: E86A64 Martindell Molding Comp
Isra Trg: Finalized Date Not reported
Start Date: 04/24/1991
Case Status: NFA (No Further Action) HISTORIC
Case No: E86A64
Case Name: Martindell Molding Company
Trigger Type: Property Sale
Trigger Date: 10/13/1987

Pi Number: G000006755
Action Number: ISR880002
Title: E88489 Accu-Mold Incorporated
Isra Trg: Finalized Date Not reported
Start Date: 06/17/1988
Case Status: NFA (No Further Action) HISTORIC
Case No: E88489
Case Name: Accu-Mold Incorporated
Trigger Type: Business Sale
Trigger Date: 06/06/1988

Pi Number: G000006755
Action Number: ISR880002
Title: E88489 Accu-Mold Incorporated
Isra Trg: Finalized Date Not reported
Start Date: 06/17/1988
Case Status: NFA (No Further Action) HISTORIC
Case No: E88489
Case Name: Accu-Mold Incorporated
Trigger Type: Property Sale
Trigger Date: 06/06/1988

Pi Number: G000006755
Action Number: ISR930002
Title: E93427 Venture Molded Company
Isra Trg: Finalized Date Not reported
Start Date: 08/24/1993
Case Status: NFA (No Further Action) HISTORIC
Case No: E93427
Case Name: Venture Molded Company
Trigger Type: Bankruptcy

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARTINDELL MOLDING COMPANY (Continued)

S109307116

Trigger Date: 07/29/1993

Pi Number: G000006755
Action Number: ISR930002
Title: E93427 Venture Molded Company
Isra Trg: Finalized Date Not reported
Start Date: 08/24/1993
Case Status: NFA (No Further Action) HISTORIC
Case No: E93427
Case Name: Venture Molded Company
Trigger Type: Cessation
Trigger Date: 07/29/1993

106
SE
1/2-1
0.565 mi.
2982 ft.

SPRUCE PRINTING CO
24 SCOTCH RD
EWING, NJ 08628

RCRA-CESQG
NJ SHWS
NJ SPILLS

1000785825
NJD986643302

Relative:
Lower

RCRA-CESQG:

Actual:
130 ft.

Date form received by agency: 01/01/2007
Facility name: SPRUCE PRINTING CO
Facility address: 24 SCOTCH RD
EWING, NJ 08628-2503

EPA ID: NJD986643302
Mailing address: SCOTCH RD
EWING, NJ 08628

Contact: Not reported
Contact address: SCOTCH RD
EWING, NJ 08628

Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: JOHN F PALMER
Owner/operator address: 13 PLYMOUTH LANE
YARDLEY, PA 19067

Owner/operator country: US
Owner/operator telephone: 215-493-3237

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRUCE PRINTING CO (Continued)

1000785825

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHN F PALMER
Owner/operator address: 13 PLYMOUTH LANE
YARDLEY, PA 19067

Owner/operator country: US
Owner/operator telephone: 215-493-3237
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: SPRUCE PRINTING CO
Classification: Not a generator, verified

Date form received by agency: 11/17/1992
Site name: SPRUCE PRINTING CO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRUCE PRINTING CO (Continued)

1000785825

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/19/2000
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SHWS:

Site ID: 20174
Status: Closed
Home Owner: No
PI Number: 551286

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ SPILL:

Trenton Dispatch Log Number: 1942
Case Number: 96-2-5-1156-25
Notify Type: Not reported
Date Received: 02/05/1996
Location: Facility
Other Location: Not reported
Incident Date: 02/05/1996
Incident Time: 1130
A310 Letter: Yes
Ref. Code: 101
COMU: 1102
CAS Number: Not reported
Hazardous: Not reported
Incident Location: Not reported
Facility Type: Commercial
Facility Phone: 609-538-0011
Substance(s): DIESEL FUEL
Substance Type: Known
Substance Identity: Liquid
TCPA Chemical: No
Hazrds Material: Yes
Amnt Released: 1 GAL
Release VE: Estimate
Contained: Yes
Release Type: Continuous
Incident Desc: Spill
Status at Spill: TRUCK RUPTURED FUEL LINE IN COMPANY PARKING LOT,DRIVER HAS CONTAINED SPILL,REPAIRS AND CLEANUP WILL BE DONE.

NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRUCE PRINTING CO (Continued)

1000785825

Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	Yes
Road Closed:	Not reported
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Other
Wind Direction/Speed:	Not reported
Assistance Requested:	No
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	SELL
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	EPES TRANSPORT SYS
Responsible Party Contact:	UNK
Responsible Party Title:	Not reported
Responsible Party Telephone:	UNK
Responsible Party Street:	UNK
Responsible Party Municipality:	GREENSBORO
Responsible Party State:	NC
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	GREENSBORO, NC
Responsible Party County:	UNK
Local Municipality:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP 15
Local Municipality Phone:	609-882-1313
Local Municipality Date:	02/05/1996
Local Municipality Time:	1159
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-CAS
Incident Phone:	Faxed,Mailed
Incident Date:	02/05/1996
Comments:	Not reported
Date A310 Letter Printed:	1996-02-05 00:00:00
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	1996-02-05 00:00:00
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRUCE PRINTING CO (Continued)

1000785825

Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

107
East
1/2-1
0.589 mi.
3109 ft.

EWING WORK CENTER (NJB)
1399 LOWER FERRY RD
EWING TWP, NJ

NJ SHWS S104588521
NJ HIST LUST N/A

Relative:
Lower
Actual:
160 ft.

SHWS:
Site ID: 6629
Status: Closed
Home Owner: No
PI Number: 005898

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

LUST HIST:

Case ID: 90-12-05-1352
Lead Program Assigned: Bureau of Underground Storage Tanks
Facility Status: Site Issued Letter of No Further Action for Area(s) Of Concern
UST ID: 0058980
TMS Number: Not reported
Remedial Level: Not reported
Case Manager: Not reported
Facility Phone: Not reported
No Further Action: 2/27/1992 0:00:00
RAW Approved: Not reported
CEA: Not reported
Date CEA Lifted: Not reported
Dead Notice: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

108
South
1/2-1
0.592 mi.
3126 ft.

94 HINCKLE AVENUE
94 HINCKLE AVE
EWING TWP, NJ

NJ SHWS S117809814
NJ Release N/A

Relative:
Lower

SHWS:

Site ID: 531886
Status: Closed
Home Owner: Yes
PI Number: 667840

Actual:
142 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 05/12/2014
Incident Time: Not reported
Trenton Dispatch Log Number: 533172
Case Number: 14-09-18-1444-02
Date Received: 09/18/2014
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENTIAL
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazardeous Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

94 HINCKLE AVENUE (Continued)

S117809814

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	09/18/2014
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	JOSEPH E MICCIO
Incident Address:	94 HINCKLE AVE
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08628
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

94 HINCKLE AVENUE (Continued)

S117809814

Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

109
East
1/2-1
0.603 mi.
3186 ft.

163 UPPER FERRY ROAD
EWING TWP, NJ 08628

NJ SHWS S120684663
NJ Release N/A

Relative:
Lower
Actual:
144 ft.

SHWS:
Site ID: 604159
Status: Closed
Home Owner: Yes
PI Number: 759926

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 02/02/2017
Incident Time: Not reported
Trenton Dispatch Log Number: 629942
Case Number: 17-02-02-0921-39
Date Received: 02/02/2017
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120684663

Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	02/02/2017
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ESTATE OF ALVA HART
Incident Address:	1240 BEAR TAVERN ROAD
Incident Address 2:	Not reported
Incident City,St,Zip:	Hopewell Twp, NJ 08560
Incident County:	Mercer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120684663

DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: Not reported
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

110
South
1/2-1
0.625 mi.
3298 ft.

485 GRAND AVENUE
485 GRAND AVE
EWING TWP, NJ 08628

NJ SHWS
NJ VCP

S108656830
N/A

Relative:
Lower
Actual:
140 ft.

SHWS:
Site ID: 354911
Status: Closed
Home Owner: Yes
PI Number: 438130

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 06-12-22-1421-03
MOA Execution Date: 06/01/2007
Type Of Vcp File: CURRENT
Pi Number: 438130
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: ROSE MARIE FERRI
Case Contact: Organization Not reported
Case Contact: Address: Line1 485 GRAND AVE
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Ewing, NJ 08628

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W111
WSW
1/2-1
0.656 mi.
3466 ft.
63 WILLIS DRIVE
63 WILLIS DR
EWING TWP, NJ 08628
Site 1 of 2 in cluster W

NJ SHWS
NJ VCP
NJ NJEMS
S108254960
N/A

Relative:
Lower

SHWS:
Site ID: 225940
Status: Closed
Home Owner: Yes
PI Number: 294897

Actual:
154 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 06-05-17-1426-42
MOA Execution Date: 09/11/2006
Type Of Vcp File: CURRENT
Pi Number: 294897
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: VINCENT SPARELLA
Case Contact: Organization Not reported
Case Contact: Address: Line1 63 WILLIS DR
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Ewing, NJ 08628

NJEMS:

Site Id: 225940
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398000
Y Coord: 525029
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

112
NE
1/2-1
0.659 mi.
3482 ft.

NJDEP DIV OF ENVIRONMENTAL QUALITY
380 SCOTCH RD
EWING TWP, NJ 08625

RCRA-CESQG
NJ SHWS
NJ HIST HWS
NJ INST CONTROL
NJ NJEMS
NJ SPILLS

1000209270
NJD980786990

Relative:
Lower

Actual:
171 ft.

RCRA-CESQG:

Date form received by agency: 01/01/2007

Facility name: NJDEP DIV OF ENVIRONMENTAL QUALITY

Facility address: 380 SCOTCH RD
EWING TWP, NJ 08625

EPA ID: NJD980786990

Mailing address: SCOTCH RD
TRENTON, NJ 08625

Contact: Not reported

Contact address: SCOTCH RD
TRENTON, NJ 08625

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: 212-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: State

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: Not reported

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: 212-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJDEP DIV OF ENVIRONMENTAL QUALITY (Continued)

1000209270

Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: NJDEP DIV OF ENVIRONMENTAL QUALITY
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: NONE
. Waste name: None

Date form received by agency: 02/08/1985
Site name: NJDEP DIV OF ENVIRONMENTAL QUALITY
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJDEP DIV OF ENVIRONMENTAL QUALITY (Continued)

1000209270

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

SHWS:

Site ID: 6586
Status: Closed
Home Owner: No
PI Number: 033988

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Site ID: 57769
Status: Closed
Home Owner: No
PI Number: 033428

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **NFA-A (Limited Restricted Use)**
Status Date: 12/29/2000
Case ID: 033988
Contact: BOMM
Sub Section Label: C: Closed Sites with Restrictions
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: Ongoing
Classification exception area dt: 12/23/2000
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 406135
Y Coordinate: 529665
Coordinate System: NJ State Plane (NAD83) - USFEET

NJ INSTITUTIONAL CONTROL:

Facility ID: 57769
Date Established (SI): 12/23/2000
Date Closed/Lifted (SI): 07/20/2001
PI Number: 033428
PI Name: SIERRA OFFICE PARK
CEA Description (SI): Synthetic Organic Chemicals - Non Carcinogen [Individual]
CEA Case Track #: 32248
CEA Duration: 2.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJDEP DIV OF ENVIRONMENTAL QUALITY (Continued)

1000209270

NJEMS:

Site Id:	57769
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	406091
Y Coord:	529662
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	Hard Copy Map
Coord Orign:	DEP-Program
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay:	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210070
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ SPILL:

Trenton Dispatch Log Number:	67577
Case Number:	00-09-12-1511-09
Notify Type:	Other
Date Received:	09/12/2000
Location:	Other
Other Location:	Not reported
Incident Date:	09/12/2000
Incident Time:	Not reported
A310 Letter:	True
Ref. Code:	101
COMU:	1102
CAS Number:	Not reported
Hazardous:	No
Incident Location:	Not reported
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Information REDACTED due to data corruption causing status reporting errors
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJDEP DIV OF ENVIRONMENTAL QUALITY (Continued)

1000209270

Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	No
Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	No
Memo. Of Understanding:	No
Drill/trng Exercise:	No
Operator:	JOYCE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Known
Responsible Party Name:	NJDEP
Responsible Party Contact:	VINCE PERELLI
Responsible Party Title:	Not reported
Responsible Party Telephone:	609-292-1553
Responsible Party Street:	428 E.STATE ST-P.O.BOX 427
Responsible Party Municipality:	TRENTON
Responsible Party State:	NJ
Responsible Party Zip:	98625
Responsible City,St,Zip:	TRENTON, NJ
Responsible Party County:	MERCER
Local Municipality:	No
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJDEP DIV OF ENVIRONMENTAL QUALITY (Continued)

1000209270

Reporter Title: Not reported
Reporter Orgzn: Not reported
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Type: Not reported
Incident Status: Not reported
Incident Category: Not reported
Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

113
SE
1/2-1
0.666 mi.
3515 ft.

AQSA LLC
1252 PARKWAY AVE
EWING TWP, NJ 08628

NJ SHWS
NJ HIST HWS
NJ UST
NJ Release
NJ SPILLS

U000366803
N/A

Relative:
Lower

SHWS:
Site ID: 6618
Status: Closed
Home Owner: No
PI Number: 021735

Actual:
141 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **Active**
Status Date: 4/3/2002
Case ID: 021735
Contact: BSCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C2
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 407920
Y Coordinate: 521105
Coordinate System: NJ State Plane (NAD83) - USFEET

UST:
Facility ID: 021735

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Contact:

Owner Name: AMJAD ALI
Organization: AMJAD ALI
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 1252 PARKWAY AVE
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Ewing, NJ 08648

Owner Name: SANDRA L KAPLAN
Organization: BAZEKEWSKY ENT LLC
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): PO BOX 658
Contact Address 2 (UST Reg): Not reported
Contact City,St,Zip (UST Reg): Millstone Twp, NJ 08510

Tanks:

Tank Id: TANK-1
Tank Number: 0001
Tank Status: **In-use**
Tank Status Date: 04/01/2001
Install Date: 04/01/2001
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Fiberglass-coated steel
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Interstitial
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring
Tank/Pipe Monitor: Tank Interstitial

Tank Id: TANK-2
Tank Number: 0002
Tank Status: **In-use**
Tank Status Date: 04/01/2001
Install Date: 04/01/2001
Tank Contents: Unleaded Gasoline
Tank Size: 10000
Tank Compliance: Yes
Overfill: Yes
Compliance Monitoring?: Yes
Overfill Protection: Yes
Spill Containment: Yes
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Fiberglass-reinforced plastic
Tank/Pipe Construction Type: Tank Fiberglass-coated steel
Tank/Pipe Monitor: Pipe Automatic line leak detector
Tank/Pipe Monitor: Pipe Interstitial
Tank/Pipe Monitor: Tank In-tank(automatic)monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Tank/Pipe Monitor:	Tank Interstitial
Tank Id:	TANK-3
Tank Number:	0003
Tank Status:	In-use
Tank Status Date:	04/01/2001
Install Date:	04/01/2001
Tank Contents:	Medium Diesel Fuel (No. 2-D)
Tank Size:	12000
Tank Compliance:	Yes
Overfill:	Yes
Compliance Monitoring?:	Yes
Overfill Protection:	Yes
Spill Containment:	Yes
Tank Wellhead Protection:	Not reported
Tank/Pipe Construction Type:	Tank Fiberglass-coated steel
Tank/Pipe Construction Type:	Pipe Fiberglass-reinforced plastic
Tank/Pipe Monitor:	Pipe Automatic line leak detector
Tank/Pipe Monitor:	Pipe Interstitial
Tank/Pipe Monitor:	Tank In-tank(automatic)monitoring
Tank/Pipe Monitor:	Tank Interstitial

NJ Release:

Facility Type:	Commercial
Facility Phone:	Not reported
Incident Date:	02/14/1992
Incident Time:	Not reported
Trenton Dispatch Log Number:	4365
Case Number:	92-3-17-1355-45
Date Received:	03/17/1992
Nature of Incident:	Facility
Operator:	ROGER
Incident Type:	Not reported
Incident Location:	Not reported
Location:	Facility
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	SOIL CONTAMINATED W/HYDROCARBONS
Substance Type:	Solid
Substance Identity:	Known
CAS Number:	Not reported
A310 Letter:	Yes
TCPA Chemical:	No
Hazrds Material:	Yes
COMU:	1102
Ref. Code:	013
Amt Released:	UNKNOWN
Contained:	No
Release Type:	Terminated
Release VE:	Not reported
Injuries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Land
Receiving Water:	Not reported
Status at Spill:	TESTS FROM MONITORING WELLS SHOW THERE IS SOIL CONTAMINATION. CLEAN UP IS IN PROGRESS. TANK SIZE IS 3-10,000 GALS USTS.
NJ Spill Date:	1992-03-17 00:00:00
NJ Spill Time:	Not reported
NJ Spill Name:	OEM
NJ Spill Title:	Not reported
NJ Spill Phone:	609-882-2000
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	OPER.#70
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	03/17/1992
Local Municipality Time:	1409
Incident Description:	L.U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BUST-HQ1
Incident Telephone:	Faxed,Mailed
Incident Date:	03/17/1992
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	AMMOCO SERVICE STATI
Responsible Party Contact:	ANDRES MEGLIOLI
Responsible Party Title:	CONTRACTOR
Responsible Party Phone:	908-536-8500
Responsible Party Street:	1252 PARKWAY AVE
Responsible Party County:	MERCER
Responsible Party City,St,Zip:	EWING TWP, NJ
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	652979
Case Number:	17-09-12-1513-27
Notify Type:	Not reported
Date Received:	09/12/2017
Location:	Not reported
Other Location:	Not reported
Incident Date:	09/12/2017
Incident Time:	Not reported
A310 Letter:	Not reported
Ref. Code:	Not reported
COMU:	Not reported
CAS Number:	Not reported
Hazardous:	Not reported
Incident Location:	MARAW AUTO REPAIR
Facility Type:	Commercial
Facility Phone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	No
Road Closed:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	Yes
Firemen at Scene:	Yes
Contamination of:	Not reported
Nature of Incident:	Not reported
Wind Direction/Speed:	Not reported
Assistance Requested:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Operator:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	Not reported
Responsible Party Municipality:	Not reported
Responsible Party State:	Not reported
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	Not reported
Responsible Party County:	Not reported
Local Municipality:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	REDACTED
Reporter Type:	Municipal Rep.
Rep Received Date:	09/12/2017
Reporter Title:	REDACTED
Reporter Orgzn:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Spill
Incident Status:	Terminated
Incident Category:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQSA LLC (Continued)

U000366803

Incident Source: MARAW AUTO REPAIR
Incident Address: 1252 PARKWAY AV
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: Yes
Confidential: Not reported

W114 61 WILLIS DRIVE
WSW 61 WILLIS DR
1/2-1 EWING TWP, NJ 08628
0.678 mi.
3581 ft.

NJ SHWS 1007021853
NJ VCP N/A
NJ NJEMS

Site 2 of 2 in cluster W

Relative:
Lower
Actual:
158 ft.

SHWS:
Site ID: 143778
Status: Closed
Home Owner: Yes
PI Number: 190505

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 02-10-21-1205-18
MOA Execution Date: 03/03/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 143778
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 397889
Y Coord: 524949
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

61 WILLIS DRIVE (Continued)

1007021853

Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

X115
WNW
1/2-1
0.731 mi.
3858 ft.

9 LOCHATONG ROAD
9 LOCHATONG RD
EWING TWP, NJ 08628

NJ SHWS
NJ HIST HWS
NJ NJEMS

1007007549
N/A

Site 1 of 2 in cluster X

Relative:
Higher

SHWS:

Actual:
200 ft.

Site ID: 125497
Status: Closed
Home Owner: Yes
PI Number: 165720

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: NFA-A (Restricted Use)
Status Date: 11/4/2002
Case ID: 165720
Contact: Bureau of Field Operations - Southern
Sub Section Label: C: Closed Sites with Restrictions
Site Municipality: 1102
Remedial Level Code: C1
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 398338
Y Coordinate: 527396
Coordinate System: NJ State Plane (NAD83) - USFEET

NJEMS:

Site Id: 125497
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398191
Y Coord: 527409
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

9 LOCHATONG ROAD (Continued)

1007007549

Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

116
WNW
1/2-1
0.734 mi.
3873 ft.

924 BEAR TAVERN ROAD
924 BEAR TAVERN RD
EWING TWP, NJ 08638

NJ SHWS **S115582960**
NJ NJEMS **N/A**

Relative:
Higher
Actual:
201 ft.

SHWS:
Site ID: 460404
Status: Closed
Home Owner: Yes
PI Number: 581091

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 460404
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398565
Y Coord: 528024
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

117

East
1/2-1
0.742 mi.
3920 ft.

1331 LOWER FERRY RD
EWING TWP, NJ 08628

NJ SHWS
NJ Release

S104440317
N/A

Relative:
Lower

SHWS:

Site ID: 46643
Status: Closed
Home Owner: No
PI Number: 009313

Actual:
136 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Commercial
Facility Phone: Not reported
Incident Date: 10/06/1992
Incident Time: Not reported
Trenton Dispatch Log Number: 16508
Case Number: 92-10-9-1037-47
Date Received: 10/09/1992
Nature of Incident: Other
Operator: JIMH
Incident Type: Not reported
Incident Location: Not reported
Location: Facility
Other Location: Not reported
Contact Name: Not reported
Caller Name: REDACTED
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): OIL FUEL #2
Substance Type: Liquid
Substance Identity: Known
CAS Number: Not reported
A310 Letter: Yes
TCPA Chemical: No
Hazrds Material: Yes
COMU: 1102
Ref. Code: 101
Amt Released: UNK
Contained: Yes
Release Type: Terminated
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Land
Receiving Water: Not reported
Status at Spill: 1-2,000 GALLON TANK REMOVAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104440317

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	No
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	EWING TWP
Local Municipality Title:	DISP. WEYAND
Local Municipality Telephone:	609-882-1313
Local Municipality Date:	10/09/1992
Local Municipality Time:	1045
Incident Description:	L.U.S.T.
Incident Name:	Not reported
Incident Referred To:	DRPSR
Incident Region:	BFO-SA
Incident Telephone:	Faxed,Mailed
Incident Date:	10/09/1992
Incident time:	Not reported
Incident ITM:	B
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	Not reported
Reporter Type:	Not reported
Reporter Name:	Not reported
Reporter Title:	Not reported
Reporter Org:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported
Incident Source:	Not reported
Incident Address:	Not reported
Incident Address 2:	Not reported
Incident City,St,Zip:	Not reported
Incident County:	Not reported
DEP Requested:	Not reported
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Known
Responsible Party Name:	BOARD OF ED
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104440317

Responsible Party Phone: Not reported
Responsible Party Street: 1331 LOWER FERRY RD
Responsible Party County: MERCER
Responsible Party City,St,Zip: EWING TWP, NJ
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

Facility Type: Other
Facility Phone: Not reported
Incident Date: 04/10/2017
Incident Time: Not reported
Trenton Dispatch Log Number: 645420
Case Number: 17-07-05-1542-59
Date Received: 07/05/2017
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Improper Application
Incident Location: FISHER MIDDLE SCHOOL
Location: Not reported
Other Location: Not reported
Contact Name: RICHARD MADDEN
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104440317

Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	07/05/2017
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ALLIANCE
Incident Address:	1 STEVEN AVE
Incident Address 2:	Not reported
Incident City,St,Zip:	Tinton Falls Boro, NJ 07724
Incident County:	Monmouth
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

X118
WNW
1/2-1
0.753 mi.
3977 ft.
7 LOCHATONG ROAD
7 LOCHATONG RD
EWING TWP, NJ
Site 2 of 2 in cluster X

NJ SHWS
NJ Release
S111264483
N/A

Relative:
Higher

SHWS:

Actual:
199 ft.

Site ID: 448646
Status: Closed
Home Owner: Yes
PI Number: 564127

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 09/08/2011
Incident Time: Not reported
Trenton Dispatch Log Number: 402047
Case Number: 11-09-08-1029-59
Date Received: 09/08/2011
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESID
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazar ds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 LOCHATONG ROAD (Continued)

S111264483

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	09/08/2011
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ARCHIE FREEMAN
Incident Address:	7 LOCHATONG RD
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08628
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 LOCHATONG ROAD (Continued)

S111264483

Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

119
WSW
1/2-1
0.760 mi.
4013 ft.

50 WILLIS DRIVE
50 WILLIS DR
EWING TWP, NJ 08628

NJ SHWS
NJ NJEMS
NJ Release

S108775999
N/A

Relative:
Lower
Actual:
170 ft.

SHWS:
Site ID: 371312
Status: Closed
Home Owner: No
PI Number: 459466

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 371312
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 397375
Y Coord: 524912
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 08/13/2007
Incident Time: Not reported
Trenton Dispatch Log Number: 244158
Case Number: 07-08-13-0946-43
Date Received: 08/13/2007
Nature of Incident: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

50 WILLIS DRIVE (Continued)

S108775999

Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	BETH BRASOR
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

50 WILLIS DRIVE (Continued)

S108775999

Incident time: Not reported
Incident ITM: Not reported
Comments: Not reported
Date A310 Letter Printed: Not reported
Date Local Authority Was Notified: Not reported
Date Updated: Not reported
Date Report Faxed to Local Authority: Not reported
Local Authority Notification Date: Not reported
Rep Receive Date: 08/13/2007
Reporter Type: Other
Reporter Name: REDACTED
Reporter Title: REDACTED
Reporter Org: REDACTED
Reporter Address: Not reported
Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: BETH BRASOR
Incident Address: 50 WILLIS DR
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08628
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

120
WNW
1/2-1
0.815 mi.
4302 ft.

MOUNTAIN VIEW GULF SERVICE STATION
941 BEAR TAVERN RD
EWING TWP, NJ 08638

NJ SHWS S113516504
NJ NJEMS N/A
NJ AIRS

Relative:
Lower
Actual:
178 ft.

SHWS:
Site ID: 15389
Status: Closed
Home Owner: No
PI Number: 001267

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN VIEW GULF SERVICE STATION (Continued)

S113516504

NJEMS:

Site Id: 15389
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398053
Y Coord: 528401
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GPS
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

AIRS:

Emission Year: Not reported
Facility Number: A6007
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 398053
Y Coordinate: 528401
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: GEN020001
Active Type Description: (GP-004) Gasoline Dispensing
Document Status: Superseded (Archived)
Expiration Date: 09/25/2017
Active Flag: Y

Emission Year: Not reported
Facility Number: A6007
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 398053
Y Coordinate: 528401
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GPS
Active Number: PCP960002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN VIEW GULF SERVICE STATION (Continued)

S113516504

Active Type Description:	Construction of New Source
Document Status:	Superseded (Archived)
Expiration Date:	12/23/2002
Active Flag:	Y
Emission Year:	Not reported
Facility Number:	A6007
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	Not reported
X Coordinate:	398053
Y Coordinate:	528401
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	GPS
Active Number:	PCP960001
Active Type Description:	Construction of New Source
Document Status:	Superseded (Archived)
Expiration Date:	01/29/2003
Active Flag:	Y
Emission Year:	Not reported
Facility Number:	A6007
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	Not reported
X Coordinate:	398053
Y Coordinate:	528401
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	GPS
Active Number:	GEN170001
Active Type Description:	(GP-004A) Fuel Dispensing Facility
Document Status:	Approved
Expiration Date:	05/15/2022
Active Flag:	Y

Y121
WNW
1/2-1
0.830 mi.
4381 ft.
62 WINDYBUSH WAY
62 WINDYBUSH WAY
EWING TWP, NJ 02132
Site 1 of 2 in cluster Y

NJ SHWS
NJ VCP
NJ NJEMS
1006998464
N/A

Relative: SHWS:
Lower Site ID: 129160
Status: Closed
Actual: Home Owner: Yes
151 ft. PI Number: 171649
Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

62 WINDYBUSH WAY (Continued)

1006998464

Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 02-11-21-0933-18
MOA Execution Date: 12/16/2002
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Anthony V Lobasco Estate
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 129160
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398597
Y Coord: 529334
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Y122
NW
1/2-1
0.831 mi.
4386 ft.

60 WINDYBUSH WAY
60 WINDYBUSH WAY
EWING TWP, NJ 08560
Site 2 of 2 in cluster Y

NJ SHWS S106584166
NJ VCP N/A
NJ NJEMS

Relative:
Lower
Actual:
140 ft.

SHWS:
Site ID: 174785
Status: Closed
Home Owner: Yes
PI Number: 229214
Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

60 WINDYBUSH WAY (Continued)

S106584166

VCP:

Incident Number: 04-04-28-1538-23
MOA Execution Date: 05/20/2004
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 174785
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398698
Y Coord: 529395
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

123
ESE
1/2-1
0.837 mi.
4418 ft.

1269 LOWER FERRY ROAD
1269 LOWER FERRY RD
EWING TWP, NJ 08618

NJ SHWS S106210554
NJ VCP N/A
NJ NJEMS
NJ Release

Relative:
Lower
Actual:
121 ft.

SHWS:
Site ID: 167961
Status: Closed
Home Owner: Yes
PI Number: 220796

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 02-10-28-1006-16
MOA Execution Date: 02/02/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1269 LOWER FERRY ROAD (Continued)

S106210554

Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Jayson Oil Company
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 167961
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 410706
Y Coord: 523486
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: Exact Address Match
Coord Orign: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105240
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105240020
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Shabakunk Creek WB
Watershed Name From Spatial Overlay: Assunpink Creek (below Shipetaukin Ck)

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 10/28/2002
Incident Time: Not reported
Trenton Dispatch Log Number: 38061
Case Number: 02-10-28-1006-16
Date Received: 10/28/2002
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: AT RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1269 LOWER FERRY ROAD (Continued)

S106210554

CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	10/28/2002
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1269 LOWER FERRY ROAD (Continued)

S106210554

Reporter City,St,Zip: Not reported
Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: GODOWIN
Incident Address: 1269 LOWER FERRY RD
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ 08638
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

**124
NW
1/2-1
0.837 mi.
4421 ft.**

**AREA OF
16 RANDI WAY
EWING TWP, NJ 08560**

**NJ SHWS
NJ VCP
NJ NJEMS
NJ Release
NJ SPILLS**

**S104363511
N/A**

**Relative:
Lower
Actual:
125 ft.**

SHWS:
Site ID: 153654
Status: Closed
Home Owner: Yes
PI Number: 202745

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 03-07-16-1105-35
MOA Execution Date: 07/31/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AREA OF (Continued)

S104363511

NJEMS:

Site Id:	153654
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	399138
Y Coord:	529930
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	GIS Parcel Centroid
Coord Orign:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay:	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210070
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type:	Residential
Facility Phone:	Not reported
Incident Date:	07/16/2003
Incident Time:	Not reported
Trenton Dispatch Log Number:	64115
Case Number:	03-07-16-1105-35
Date Received:	07/16/2003
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	JOSEPH MOONEY RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	JOSEPH MOONEY
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AREA OF (Continued)

S104363511

Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	07/16/2003
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	JOSEPH MOONEY
Incident Address:	16 RANDI WAY
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08560
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AREA OF (Continued)

S104363511

Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

NJ SPILL:

Trenton Dispatch Log Number:	47354
Case Number:	99-08-03-1046-54
Notify Type:	Citizen
Date Received:	08/03/1999
Location:	Other
Other Location:	Not reported
Incident Date:	08/03/1999
Incident Time:	ONGO
A310 Letter:	False
Ref. Code:	005
COMU:	1102
CAS Number:	Not reported
Hazardous:	No
Incident Location:	Not reported
Facility Type:	Residential
Facility Phone:	609-883-8048
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
Amnt Released:	Not reported
Release VE:	Not reported
Contained:	Not reported
Release Type:	Not reported
Incident Desc:	Not reported
Status at Spill:	CONCUSSION FROM BLASTING IN AREA MAY BE DAMAGING HOMES. TWP TOLD COMPLAINTANT TO CALL DEP.
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Phone:	Not reported
Injuries:	No
Public Exposure:	Yes
Road Closed:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AREA OF (Continued)

S104363511

Facility Evacuation:	No
Receiving Water:	Not reported
Public Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Air, Land
Nature of Incident:	Not reported
Wind Direction/Speed:	0
Assistance Requested:	Yes
Memo. Of Understanding:	No
Drill/trng Exercise:	No
Operator:	JOYCE
Contact Name:	Not reported
Caller Name:	REDACTED
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Phone:	Not reported
Responsible Party:	Suspected
Responsible Party Name:	MERRILL LYNCH CONST
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Street:	SCOTCH RD
Responsible Party Municipality:	HOPEWELL TWP
Responsible Party State:	NJ
Responsible Party Zip:	Not reported
Responsible City,St,Zip:	HOPEWELL TWP, NJ
Responsible Party County:	MERCER
Local Municipality:	No
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Phone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Phone:	Not reported
Incident Date:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Update:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Reporter Name:	Not reported
Reporter Type:	Not reported
Rep Received Date:	Not reported
Reporter Title:	Not reported
Reporter Orgzn:	Not reported
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Incident Category:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AREA OF (Continued)

S104363511

Incident Source: Not reported
Incident Address: Not reported
Incident Address 2: Not reported
Incident City,St,Zip: Not reported
Incident County: Not reported
DEP Requested: Not reported
Confidential: Not reported

Z125 **36 WINDYBUSH WAY**
NW **36 WINDYBUSH WAY**
1/2-1 **EWING TWP, NJ 08648**
0.837 mi.
4422 ft. **Site 1 of 2 in cluster Z**

NJ SHWS **1007006501**
NJ HIST HWS **N/A**
NJ VCP
NJ NJEMS

Relative:
Lower
Actual:
119 ft.

SHWS:
Site ID: 126582
Status: Closed
Home Owner: Yes
PI Number: 167031

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **Active**
Status Date: 11/13/2002
Case ID: 167031
Contact: Bureau of Field Operations - Southern
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C1
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 399363
Y Coordinate: 530151
Coordinate System: NJ State Plane (NAD83) - USFEET

VCP:

Incident Number: 02-10-08-1253-18
MOA Execution Date: 11/13/2002
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization POA for Eleanor E Weinroth
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

36 WINDYBUSH WAY (Continued)

1007006501

Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 126582
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 399525
Y Coord: 530264
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

126
West
1/2-1
0.838 mi.
4424 ft.

7 MANSFIELD ROAD
7 MANSFIELD RD
EWING TWP, NJ 08628

NJ SHWS S108773672
NJ NJEMS N/A
NJ Release

Relative:
Lower

SHWS:
Site ID: 370805
Status: Closed
Home Owner: Yes
PI Number: 458880

Actual:
192 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 370805
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 397636
Y Coord: 527217
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 MANSFIELD ROAD (Continued)

S108773672

Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210080
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

NJ Release:

Facility Type:	Residential
Facility Phone:	Not reported
Incident Date:	06/20/2007
Incident Time:	Not reported
Trenton Dispatch Log Number:	237235
Case Number:	07-06-20-0958-34
Date Received:	06/20/2007
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	RESID
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7 MANSFIELD ROAD (Continued)

S108773672

Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	06/20/2007
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ROSA PAYNE
Incident Address:	21 LAMONT CR
Incident Address 2:	COURTLAND
Incident City,St,Zip:	Out Of State, NY 10345
Incident County:	Out Of State
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

127
SE
1/2-1
0.844 mi.
4455 ft.

GREENWOOD HOUSE
53 WALTER ST
EWING TWP, NJ

NJ SHWS **S116226259**
N/A

Relative:
Lower

SHWS:

Site ID: 17958
Status: Closed
Home Owner: No
PI Number: 019707

Actual:
131 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

128
NW
1/2-1
0.846 mi.
4466 ft.

45 WINDYBUSH WAY
45 WINDYBUSH WAY
EWING TWP, NJ 08638

NJ SHWS **S115586197**
NJ NJEMS **N/A**

Relative:
Lower

SHWS:

Site ID: 75864
Status: Closed
Home Owner: No
PI Number: G000060359

Actual:
126 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 75864
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398844
Y Coord: 529727
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

129
SW
1/2-1
0.852 mi.
4497 ft.

23 RAVINE ROAD
23 RAVINE RD
EWING TWP, NJ

NJ SHWS S117387435
N/A

Relative:
Lower
Actual:
88 ft.

SHWS:
Site ID: 452110
Status: Closed
Home Owner: Yes
PI Number: 568670

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

Z130
NW
1/2-1
0.858 mi.
4529 ft.

34 WINDYBUSH WAY
34 WINDYBUSH WAY
EWING TWP, NJ 08560

NJ SHWS 1007026166
NJ VCP N/A
NJ NJEMS

Site 2 of 2 in cluster Z

Relative:
Lower
Actual:
112 ft.

SHWS:
Site ID: 144791
Status: Closed
Home Owner: Yes
PI Number: 191697

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 02-10-08-1223-04
MOA Execution Date: 03/20/2003
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 144791
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 399378
Y Coord: 530286
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

34 WINDYBUSH WAY (Continued)

1007026166

Coord Origin:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay:	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210070
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

131
WNW
1/2-1
0.864 mi.
4561 ft.

93 MOUNTAINVIEW ROAD
93 MOUNTAINVIEW RD
EWING TWP, NJ 08628

NJ SHWS
NJ VCP
NJ NJEMS

S108064752
N/A

Relative:
Lower

SHWS:	
Site ID:	74767
Status:	Closed
Home Owner:	Yes
PI Number:	G000040934

Actual:
180 ft.

Detail As Of April 2012:

X Coord Site:	Not reported
X Coord PI:	Not reported
Y Coord Site:	Not reported
Y Coord PI:	Not reported

VCP:

Incident Number:	99-10-01-1140-12
MOA Execution Date:	03/09/2005
Type Of Vcp File:	HISTORICAL
PI Number:	Not reported
Case Type(Case Type):	Not reported
Case Contact: Department	Not reported
Case Contact Name:	Not reported
Case Contact: Organization	Not reported
Case Contact: Address: Line1	Not reported
Case Contact: Address: Line2	Not reported
Case Contact: Address: Line3	Not reported
Case Contact City,St,Zip:	Not reported

NJEMS:

Site Id:	74767
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	397568
Y Coord:	527809
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	Hard Copy Map
Coord Origin:	DEP-Program
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

93 MOUNTAINVIEW ROAD (Continued)

S108064752

Eleven Digit Hydrologic Unit Code From Spatial Overlay):	02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105210070
Watershed Management Area Number From Spatial Overlay:	11
Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay:	Alexauken Ck / Moore Ck / Jacobs Ck

**132
ESE
1/2-1
0.893 mi.
4716 ft.**

**84 MAIN BOULEVARD
84 MAIN BLVD
EWING TWP, NJ 08618**

**NJ SHWS
NJ VCP
NJ NJEMS
NJ Release**

**S106465336
N/A**

**Relative:
Lower
Actual:
121 ft.**

SHWS:
Site ID: 174218
Status: Closed
Home Owner: Yes
PI Number: 228489

Detail As Of April 2012:

X Coord Site:	Not reported
X Coord PI:	Not reported
Y Coord Site:	Not reported
Y Coord PI:	Not reported

VCP:

Incident Number:	04-04-29-1044-00
MOA Execution Date:	05/12/2004
Type Of Vcp File:	HISTORICAL
PI Number:	Not reported
Case Type(Case Type):	Not reported
Case Contact: Department	Not reported
Case Contact Name:	Not reported
Case Contact: Organization	Not reported
Case Contact: Address: Line1	Not reported
Case Contact: Address: Line2	Not reported
Case Contact: Address: Line3	Not reported
Case Contact City,St,Zip:	Not reported

NJEMS:

Site Id:	174218
Municipality:	EWING TWP
Municipality Name From Spatial Overlay:	EWING TWP
GNIS Civil Code For Municipality:	882128
Municipal Code (NJ-1040):	1102
X Coord:	410586
Y Coord:	522577
Coord System:	NJ STATE PLANE (NAD83) - USFEET
Coord Type:	GIS Parcel Centroid
Coord Orign:	DEP-GIS
State Standard Numeric Code From Spatial Overlay:	1102
Unique Feature Number For Municipality From Spatial Overlay:	3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay):	02040105240
Fourteen Digit Hydrologic Unit Code From Spatial Overlay:	02040105240020
Watershed Management Area Number From Spatial Overlay:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

84 MAIN BOULEVARD (Continued)

S106465336

Watershed Management Area Name From Spatial Overlay:	Central Delaware
Water Region Code From Spatial Overlay:	4
Water Region Name From Spatial Overlay:	Northwest
Sub Watershed Name From Overlay:	Shabakunk Creek WB
Watershed Name From Spatial Overlay:	Assunpink Creek (below Shipetaukin Ck)

NJ Release:

Facility Type:	Residential
Facility Phone:	Not reported
Incident Date:	04/29/2004
Incident Time:	Not reported
Trenton Dispatch Log Number:	95614
Case Number:	04-04-29-1044-00
Date Received:	04/29/2004
Nature of Incident:	Not reported
Operator:	Not reported
Incident Type:	Underground Storage Tank
Incident Location:	RESIDENCE
Location:	Not reported
Other Location:	Not reported
Contact Name:	Not reported
Caller Name:	Not reported
Caller Title:	Not reported
Caller Address:	Not reported
Caller City,St,Zip:	Not reported
Caller Telephone:	Not reported
Substance(s):	Not reported
Substance Type:	Not reported
Substance Identity:	Not reported
CAS Number:	Not reported
A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

84 MAIN BOULEVARD (Continued)

S106465336

Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	04/29/2004
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	KIRK RIECHERT
Incident Address:	84 MAIN BLVD
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08618
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AA133
NW
1/2-1
0.914 mi.
4826 ft.
8 RANDI WAY
8 RANDI WAY
TITUSVILLE, NJ 08560
Site 1 of 2 in cluster AA

NJ SHWS
NJ NJEMS
FINDS
1010434495
N/A

Relative:
Lower

SHWS:
Site ID: 162762
Status: Closed
Home Owner: Yes
PI Number: 213218

Actual:
135 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 162762
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398631
Y Coord: 530081
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Orign: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

FINDS:

Registry ID: 110031712127

Environmental Interest/Information System

NJ-NJEMS (New Jersey - New Jersey Environmental Management System).
The Department of Environmental Protection (NJDEP) manages large
databases of environmental information in this integrated system.

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

134
WSW
1/2-1
0.922 mi.
4866 ft.

30 PARDEE PLACE
30 PARDEE PL
EWING TWP, NJ 08628

NJ SHWS
NJ VCP
NJ NJEMS

S108949934
N/A

Relative:
Lower

SHWS:

Site ID: 363213
Status: Closed
Home Owner: Yes
PI Number: 448742

Actual:
178 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 07-07-31-1112-20
MOA Execution Date: 09/24/2007
Type Of Vcp File: CURRENT
Pi Number: 448742
Case Type(Case Type): MOA
Case Contact: Department Not reported
Case Contact Name: SIRAJ SHEIKH
Case Contact: Organization Not reported
Case Contact: Address: Line1 30 PARDEE PIKE
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Ewing, NJ 08628

NJEMS:

Site Id: 363213
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 396553
Y Coord: 524400
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AA135
NW
1/2-1
0.932 mi.
4919 ft.
4 RANDI WAY
4 RANDI WAY
EWING TWP, NJ 08560
Site 2 of 2 in cluster AA

NJ SHWS
NJ HIST HWS
NJ VCP
NJ NJEMS
1007027825
N/A

Relative:
Lower

SHWS:
Site ID: 121472
Status: Closed
Home Owner: Yes
PI Number: 159778

Actual:
144 ft.

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

HIST SHWS:

Case Status: **Active**
Status Date: 6/24/2002
Case ID: 159778
Contact: Bureau of Field Operations - Southern
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: C1
Classification exception area dt: None
Classification exception area dt: Not reported
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 398276
Y Coordinate: 529791
Coordinate System: NJ State Plane (NAD83) - USFEET

VCP:

Incident Number: 01-11-05-1056-07
MOA Execution Date: 06/24/2002
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Not reported
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 121472
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

4 RANDI WAY (Continued)

1007027825

X Coord: 398405
Y Coord: 529980
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

AB136
NW
1/2-1
0.934 mi.
4932 ft.

3 TINA DRIVE
3 TINA DR
EWING TWP, NJ

NJ SHWS **S109575889**
NJ Release **N/A**

Site 1 of 3 in cluster AB

Relative:
Lower
Actual:
151 ft.

SHWS:
Site ID: 410138
Status: Closed
Home Owner: Yes
PI Number: 513601

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 03/26/2009
Incident Time: Not reported
Trenton Dispatch Log Number: 305907
Case Number: 09-03-26-1634-34
Date Received: 03/26/2009
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE AT
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3 TINA DRIVE (Continued)

S109575889

A310 Letter:	Not reported
TCPA Chemical:	Not reported
Hazrds Material:	Not reported
COMU:	Not reported
Ref. Code:	Not reported
Amt Released:	Not reported
Contained:	Not reported
Release Type:	Not reported
Release VE:	Not reported
Injuries:	No
Public Exposure:	No
Facility Evacuation:	No
Police at Scene:	No
Firemen at Scene:	No
Contamination of:	Not reported
Receiving Water:	Not reported
Status at Spill:	Not reported
NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	03/26/2009
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3 TINA DRIVE (Continued)

S109575889

Reporter County: Not reported
Incident Status: Terminated
Incident Category: Other
Incident Source: BOB HERBSTER
Incident Address: 3 TINA DR
Incident Address 2: Not reported
Incident City,St,Zip: Ewing Twp, NJ
Incident County: Mercer
DEP Requested: No
Confidential: Not reported
Notify Type: Not reported
Road Closed: No
Direction: Not reported
Responsible Party: Not reported
Responsible Party Name: Not reported
Responsible Party Contact: Not reported
Responsible Party Title: Not reported
Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

**137
SE
1/2-1
0.935 mi.
4937 ft.**

**1130 PARKWAY AVENUE
1130 PARKWAY AVE
EWING TWP, NJ**

**NJ SHWS S117387747
N/A**

**Relative:
Lower
Actual:
137 ft.**

SHWS:
Site ID: 527240
Status: Closed
Home Owner: Yes
PI Number: 662074

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

**AB138
NW
1/2-1
0.939 mi.
4960 ft.**

**2 RANDI WAY
2 RANDI WAY
EWING TWP, NJ**

**NJ SHWS S111262613
NJ Release N/A**

Site 2 of 3 in cluster AB

**Relative:
Lower
Actual:
141 ft.**

SHWS:
Site ID: 452701
Status: Closed
Home Owner: Yes
PI Number: 569433

Detail As Of April 2012:
X Coord Site: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 RANDI WAY (Continued)

S111262613

X Coord Pl: Not reported
Y Coord Site: Not reported
Y Coord Pl: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 07/15/2011
Incident Time: Not reported
Trenton Dispatch Log Number: 393909
Case Number: 11-07-15-1007-05
Date Received: 07/15/2011
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESIDENCE
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazrds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported
NJ Spill Date: Not reported
NJ Spill Time: Not reported
NJ Spill Name: Not reported
NJ Spill Title: Not reported
NJ Spill Phone: Not reported
Other Date: Not reported
Other Time: Not reported
Other Name: Not reported
Other Title: Not reported
Other Telephone: Not reported
Public Evacuation: No
Assistance Requested: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 RANDI WAY (Continued)

S111262613

Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	07/15/2011
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	JENNE CHUNG
Incident Address:	2 RANDI WAY
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ 08560
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	Not reported
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported
Responsible Party Phone:	Not reported
Responsible Party Street:	Not reported
Responsible Party County:	Not reported
Responsible Party City,St,Zip:	Not reported
Memo. Of Understanding:	Not reported
Drill/trng Exercise:	Not reported
Hazardous:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

139
SE
1/2-1
0.946 mi.
4996 ft.

1155 LOWER FERRY ROAD
1155 LOWER FERRY RD
EWING TWP, NJ 08618

NJ SHWS
NJ VCP
NJ NJEMS

1006985215
N/A

Relative:
Lower

SHWS:

Site ID: 72812
Status: Closed
Home Owner: No
PI Number: G000028034

Actual:
127 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

VCP:

Incident Number: 96-01-04-1819-03
MOA Execution Date: 04/29/1996
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Hugh P & Rosemary Malloy
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

NJEMS:

Site Id: 72812
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 409856
Y Coord: 520829
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105240
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105240020
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Shabakunk Creek WB
Watershed Name From Spatial Overlay: Assunpink Creek (below Shipetaukin Ck)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

140
ESE
1/2-1
0.961 mi.
5076 ft.

13 VAN DUYN DRIVE
13 VAN DUYN DR
EWING TWP, NJ

NJ SHWS
NJ Release

S109213619
N/A

Relative:
Lower

SHWS:

Site ID: 380086
Status: Closed
Home Owner: Yes
PI Number: 537538

Actual:
129 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ Release:

Facility Type: Residential
Facility Phone: Not reported
Incident Date: 11/08/2007
Incident Time: Not reported
Trenton Dispatch Log Number: 254477
Case Number: 07-11-08-1010-43
Date Received: 11/08/2007
Nature of Incident: Not reported
Operator: Not reported
Incident Type: Underground Storage Tank
Incident Location: RESID
Location: Not reported
Other Location: Not reported
Contact Name: Not reported
Caller Name: Not reported
Caller Title: Not reported
Caller Address: Not reported
Caller City,St,Zip: Not reported
Caller Telephone: Not reported
Substance(s): Not reported
Substance Type: Not reported
Substance Identity: Not reported
CAS Number: Not reported
A310 Letter: Not reported
TCPA Chemical: Not reported
Hazar ds Material: Not reported
COMU: Not reported
Ref. Code: Not reported
Amt Released: Not reported
Contained: Not reported
Release Type: Not reported
Release VE: Not reported
Injuries: No
Public Exposure: No
Facility Evacuation: No
Police at Scene: No
Firemen at Scene: No
Contamination of: Not reported
Receiving Water: Not reported
Status at Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13 VAN DUYN DRIVE (Continued)

S109213619

NJ Spill Date:	Not reported
NJ Spill Time:	Not reported
NJ Spill Name:	Not reported
NJ Spill Title:	Not reported
NJ Spill Phone:	Not reported
Other Date:	Not reported
Other Time:	Not reported
Other Name:	Not reported
Other Title:	Not reported
Other Telephone:	Not reported
Public Evacuation:	No
Assistance Requested:	Not reported
Wind Direction/Speed:	Not reported
Local Municipality Notified:	Not reported
Local Municipality Name:	Not reported
Local Municipality Title:	Not reported
Local Municipality Telephone:	Not reported
Local Municipality Date:	Not reported
Local Municipality Time:	Not reported
Incident Description:	Not reported
Incident Name:	Not reported
Incident Referred To:	Not reported
Incident Region:	Not reported
Incident Telephone:	Not reported
Incident Date:	Not reported
Incident time:	Not reported
Incident ITM:	Not reported
Comments:	Not reported
Date A310 Letter Printed:	Not reported
Date Local Authority Was Notified:	Not reported
Date Updated:	Not reported
Date Report Faxed to Local Authority:	Not reported
Local Authority Notification Date:	Not reported
Rep Receive Date:	11/08/2007
Reporter Type:	Other
Reporter Name:	REDACTED
Reporter Title:	REDACTED
Reporter Org:	REDACTED
Reporter Address:	Not reported
Reporter City,St,Zip:	Not reported
Reporter County:	Not reported
Incident Status:	Terminated
Incident Category:	Other
Incident Source:	ANTHONY MAHAN
Incident Address:	13 VAN DUYN DR
Incident Address 2:	Not reported
Incident City,St,Zip:	Ewing Twp, NJ
Incident County:	Mercer
DEP Requested:	No
Confidential:	Not reported
Notify Type:	Not reported
Road Closed:	No
Direction:	Not reported
Responsible Party:	Not reported
Responsible Party Name:	Not reported
Responsible Party Contact:	Not reported
Responsible Party Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13 VAN DUYN DRIVE (Continued)

S109213619

Responsible Party Phone: Not reported
Responsible Party Street: Not reported
Responsible Party County: Not reported
Responsible Party City,St,Zip: Not reported
Memo. Of Understanding: Not reported
Drill/trng Exercise: Not reported
Hazardous: Not reported

**AB141
NW
1/2-1
0.969 mi.
5117 ft.**

**13 WINDYBUSH WAY
13 WINDYBUSH WAY
EWING TWP, NJ 08638**

**NJ SHWS
NJ NJEMS**

**S113645712
N/A**

Site 3 of 3 in cluster AB

**Relative:
Lower
Actual:
136 ft.**

SHWS:
Site ID: 74680
Status: Closed
Home Owner: No
PI Number: G000040578

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 74680
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398242
Y Coord: 530043
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210070
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Jacobs Creek (below/incl Woolsey Brook)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

142
SW
1/2-1
0.987 mi.
5210 ft.

266 WEST UPPER FERRY ROAD
266 W UPPER FERRY RD
EWING TWP, NJ 08628

NJ SHWS
NJ NJEMS
FINDS

1008894403
N/A

Relative:
Lower

SHWS:

Site ID: 200170
Status: Closed
Home Owner: Yes
PI Number: 263367

Actual:
97 ft.

Detail As Of April 2012:

X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJEMS:

Site Id: 200170
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 398424
Y Coord: 519370
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GIS Parcel Centroid
Coord Orign: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

FINDS:

Registry ID: 110030637899

Environmental Interest/Information System

NJ-NJEMS (New Jersey - New Jersey Environmental Management System).
The Department of Environmental Protection (NJDEP) manages large
databases of environmental information in this integrated system.

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

143
South
1/2-1
0.988 mi.
5217 ft.

NJM INSURANCE CO
370 SULLIVAN WAY
WEST TRENTON, NJ 08628

NJ SHWS
NJ HIST HWS
NJ INST CONTROL
NJ NJEMS
NJ AIRS
NJ Financial Assurance
NJ ISRA
NJ NPDES

S105679658
N/A

Relative:
Lower

Actual:
109 ft.

SHWS:

Site ID: 6587
Status: Active
Home Owner: No
PI Number: G000001811

Detail As Of April 2012:

X Coord Site: 404340
X Coord PI: 404340
Y Coord Site: 518534
Y Coord PI: 518534

HIST SHWS:

Case Status: **Active**
Status Date: 11/23/1994
Case ID: G000001811
Contact: BNCM
Sub Section Label: A: Sites with On-Site Sources of Contamination
Site Municipality: 1102
Remedial Level Code: D
Classification exception area dt: Ongoing
Classification exception area dt: 3/2/2002
Deed Notice Status: None
Deed Notice Date: Not reported
Engineering Control Status: None
Engineering Control Date: Not reported
National Priorities List Status: Not reported
National Priorities List Date: Not reported
X Coordinate: 404340
Y Coordinate: 518534
Coordinate System: NJ State Plane (NAD83) - USFEET

NJ INSTITUTIONAL CONTROL:

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 44887

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 44888
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethane (1,2-)
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 44887
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 44888
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Dichloroethylene (cis-1,2)
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 44887
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 44888
CEA Duration: 30.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Tetrachloroethylene
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 44887
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 44888
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethane (1,1,1)
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: 44886
CEA Duration: 30.00
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Facility ID: 6587
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Date Closed/Lifted (SI): Not reported
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PI Name: RBC BEARINGS
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Intermediate Durations: No

Facility ID: 6587
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Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Trichloroethylene
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 44887

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 44888
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
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Date Closed/Lifted (SI): Not reported
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PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
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CEA Duration: 30.00
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Facility ID: 6587
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Date Closed/Lifted (SI): Not reported
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PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

PI Name: RBC BEARINGS
CEA Description (SI): Vinyl chloride
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 44886
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 44887
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 44888
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 44889
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 44890
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 87648
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: 87872
CEA Duration: 30.00
Intermediate Durations: No

Facility ID: 6587
Date Established (SI): 03/02/2002
Date Closed/Lifted (SI): Not reported
PI Number: G000001811
PI Name: RBC BEARINGS
CEA Description (SI): Vinylidene chloride
CEA Case Track #: Not reported
CEA Duration: 30.00
Intermediate Durations: No

NJEMS:

Site Id: 6587
Municipality: EWING TWP
Municipality Name From Spatial Overlay: EWING TWP
GNIS Civil Code For Municipality: 882128
Municipal Code (NJ-1040): 1102
X Coord: 404340
Y Coord: 518534
Coord System: NJ STATE PLANE (NAD83) - USFEET
Coord Type: GPS
Coord Origin: DEP-GIS
State Standard Numeric Code From Spatial Overlay: 1102
Unique Feature Number For Municipality From Spatial Overlay: 3402122185
Eleven Digit Hydrologic Unit Code From Spatial Overlay: 02040105210
Fourteen Digit Hydrologic Unit Code From Spatial Overlay: 02040105210080
Watershed Management Area Number From Spatial Overlay: 11
Watershed Management Area Name From Spatial Overlay: Central Delaware
Water Region Code From Spatial Overlay: 4
Water Region Name From Spatial Overlay: Northwest
Sub Watershed Name From Overlay: Mercer (Calhoun St to Jacobs Creek)
Watershed Name From Spatial Overlay: Alexauken Ck / Moore Ck / Jacobs Ck

AIRS:

Emission Year: Not reported
Facility Number: 61206
NAICS Code: Not reported
Pollutant Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 404591
Y Coordinate: 518539
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GIS Parcel Centroid
Active Number: GEN080001
Active Type Description: (GP-005) Emergency Generator
Document Status: Auto-Killed
Expiration Date: 02/08/2016
Active Flag: Y

Emission Year: Not reported
Facility Number: 61206
NAICS Code: Not reported
Pollutant Name: Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2: Not reported
Tons/Season (5/1-9/30): Not reported
Lbs/Day Peak Ozone Season (6/1-8/31): Not reported
Lbs/Day Co-season (12/1-2/31): Not reported
Permit of Emission: Not reported
X Coordinate: 404591
Y Coordinate: 518539
Coordinate Units: NJ State Plane (NAD83) - USFEET
Coordinate Type: GIS Parcel Centroid
Active Number: GEN060001
Active Type Description: (GP-005) Emergency Generator
Document Status: Superseded (Archived)
Expiration Date: 02/08/2011
Active Flag: Y

NJ Financial Assurance:

Dispositon Date: 06/22/2010
RFS Disposition Description: APPROVED
Institution: General Sullivan Group, Inc.
RFS Type Description: Letter Of Credit
PI Number: 574996
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E85396 Roller Bearing Co - LTR

Dispositon Date: 05/07/2009
RFS Disposition Description: APPROVED
Institution: General Sullivan Group, Inc.
RFS Type Description: Self Guarantee
PI Number: G000001811
Activity Class Code: LSR
Act Class Decode: Licensed Site Professional Program
Document Title: E85396 Roller Bearing Co of Am

Dispositon Date: 06/22/2010
RFS Disposition Description: APPROVED
Institution: General Sullivan Group, Inc.
RFS Type Description: Letter Of Credit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

PI Number: G000001811
Activity Class Code: LSR
Act Class Decode: Licensed Site Professional Program
Document Title: E85396 Roller Bearing Co of Am

Dispositon Date: 06/22/2010
RFS Disposition Description: RELEASED
Institution: General Sullivan Group, Inc.
RFS Type Description: Self Guarantee
PI Number: G000001811
Activity Class Code: LSR
Act Class Decode: Licensed Site Professional Program
Document Title: E85396 Roller Bearing Co of Am

NJ ISRA:

Pi Number: G000001811
Action Number: ISR040002
Title: E20040563 RBC Bearings
Isra Trg: Finalized Date 12/22/2004
Start Date: 12/28/2004
Case Status: Assigned to Program
Case No: E20040563
Case Name: RBC Bearings
Trigger Type: Property Sale
Trigger Date: 12/28/2004

Pi Number: G000001811
Action Number: ISR040002
Title: E20040563 RBC Bearings
Isra Trg: Finalized Date 12/22/2004
Start Date: 06/09/2006
Case Status: Waiver from ECRA/ISRA
Case No: E20040563
Case Name: RBC Bearings
Trigger Type: Property Sale
Trigger Date: 12/28/2004

Pi Number: G000001811
Action Number: ISR060001
Title: E20060077 ROLLER BEARING CO
Isra Trg: Finalized Date Not reported
Start Date: 02/27/2006
Case Status: Assigned to Program
Case No: E20060077
Case Name: ROLLER BEARING COMPANY OF AMERICA INC
Trigger Type: Property Sale
Trigger Date: 02/23/2006

Pi Number: G000001811
Action Number: ISR060001
Title: E20060077 ROLLER BEARING CO
Isra Trg: Finalized Date Not reported
Start Date: 05/12/2006
Case Status: Waiver from ECRA/ISRA
Case No: E20060077
Case Name: ROLLER BEARING COMPANY OF AMERICA INC
Trigger Type: Property Sale

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Trigger Date: 02/23/2006

NJPDES:

NJPDES Permit Number: NJ0034321
Facility Telephone: 2157329010
Facility Contact: WILL HENDRICKS
Facility Municipality: EWING TWP.
Facility Enforcement region: CENTRAL
Discharger Classification: Minor
Discharger Category Code: Not reported
Document Status: Not reported
Facility Primary SIC code: 3562
Facility Ownership: PRIVATE
Facility Discharge Basin code: 020608
Facility Discharge Basin name: DELAWARE RIVER-PENNYPACK TO TR
Facility Lat/Long: 401440 744911
Site X Coordinate: Not reported
Site X Coordinate: Not reported
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: ROBEAR W TRENTON ASSOC LP
Permittee Address: 1200 RIVER RD
Permittee PO Box: SUITE 1303
Permittee City,St,Zip: CONSHOHOCKEN, PA 19428 0000
Category Description: RENEWAL
Date Permit Application Received: 01/15/1998
Date Draft Permit Issued: 04/16/1998
Date Final Permit Issued: 06/30/1998
Date Final Permit Effective: 08/01/1998
Date Final Permit Expires: 07/31/2003
PI Number: Not reported
Regional Office: Not reported
Permit Category: STORMWATER

NJPDES Permit Number: NJ0173177
Facility Telephone: Not reported
Facility Contact: Andrew Doyle
Facility Municipality: Ewing Twp
Facility Enforcement region: Not reported
Discharger Classification: Not reported
Discharger Category Code: L
Document Status: Approved
Facility Primary SIC code: Not reported
Facility Ownership: Not reported
Facility Discharge Basin code: Not reported
Facility Discharge Basin name: Not reported
Facility Lat/Long: Not reported
Site X Coordinate: 404340
Site X Coordinate: 518534
Facility Lot number: Not reported
Facility Block number: Not reported
Permittee Name: Not reported
Permittee Address: Not reported
Permittee PO Box: Not reported
Permittee City,St,Zip: Not reported
Category Description: Significant Indirect User
Date Permit Application Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	02/01/2017
Date Final Permit Expires:	01/31/2022
PI Number:	46384
Regional Office:	Central
Permit Category:	Not reported
NJPDES Permit Number:	NJ0173177
Facility Telephone:	Not reported
Facility Contact:	Andrew Doyle
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	L
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	404340
Site X Coordinate:	518534
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported
Permittee Address:	Not reported
Permittee PO Box:	Not reported
Permittee City,St,Zip:	Not reported
Category Description:	Significant Indirect User
Date Permit Application Received:	Not reported
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	02/01/2017
Date Final Permit Expires:	01/31/2022
PI Number:	46384
Regional Office:	Central
Permit Category:	Not reported
NJPDES Permit Number:	NJG0034321
Facility Telephone:	Not reported
Facility Contact:	Stephen Kelly
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	5G2
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	404340
Site X Coordinate:	518534
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NJM INSURANCE CO (Continued)

S105679658

Permittee Address:	Not reported
Permittee PO Box:	Not reported
Permittee City,St,Zip:	Not reported
Category Description:	Basic Industrial Stormwater GP - NJ0088315 (5G2)
Date Permit Application Received:	Not reported
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	02/01/2018
Date Final Permit Expires:	01/31/2023
PI Number:	46384
Regional Office:	Central
Permit Category:	Not reported
NJPDES Permit Number:	NJG0034321
Facility Telephone:	Not reported
Facility Contact:	Stephen Kelly
Facility Municipality:	Ewing Twp
Facility Enforcement region:	Not reported
Discharger Classification:	Not reported
Discharger Category Code:	5G2
Document Status:	Approved
Facility Primary SIC code:	Not reported
Facility Ownership:	Not reported
Facility Discharge Basin code:	Not reported
Facility Discharge Basin name:	Not reported
Facility Lat/Long:	Not reported
Site X Coordinate:	404340
Site X Coordinate:	518534
Facility Lot number:	Not reported
Facility Block number:	Not reported
Permittee Name:	Not reported
Permittee Address:	Not reported
Permittee PO Box:	Not reported
Permittee City,St,Zip:	Not reported
Category Description:	Basic Industrial Stormwater GP - NJ0088315 (5G2)
Date Permit Application Received:	Not reported
Date Draft Permit Issued:	Not reported
Date Final Permit Issued:	Not reported
Date Final Permit Effective:	02/01/2018
Date Final Permit Expires:	01/31/2023
PI Number:	46384
Regional Office:	Central
Permit Category:	Not reported

Count: 21 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EWING	S104431271	MOBIL STATION	WEST UPPER FERRY RD		NJ Release
EWING TWP	S118350789		ROUTE 29 S // UPPER FERRY RD	08628	NJ Release
EWING TWP	S116166979		BEAR TAVERN RD AT I-95	08628	NJ Release
EWING TWP	S118574616		BEAR TAVERN RD AND RT 95	08628	NJ Release
EWING TWP	S109213210		BEAR TAVERN RD	08560	NJ Release
EWING TWP	S111263538		MADDOCK / BEAR TAVERN RD	08628	NJ Release
EWING TWP	S121181510		SCENIC DR//BEAR TAVERN RD	08628	NJ Release
EWING TWP	S106763352	RONSON AVIATION	SCOTCH RD	08618	NJ VCP
EWING TWP	S123118306		UPPER FERRY RD	08628	NJ Release
EWING TWP	S108064011	54 WINDYBUSH WAY	54 WINDYBUSH WAY	08628	NJ SHWS, NJ VCP, NJ NJEMS
EWING TWP	S115583576	23 WINDYBUSH WAY	23 WINDYBUSH WAY	08628	NJ SHWS, NJ NJEMS
HOPEWELL BORO	S106579322	29 WASHINGTON CROSSING ROAD	29 WASHINGTON CROSSING RD	08534	NJ VCP
HOPEWELL TWP	S109572443		BEAR TAVERN RD.	08560	NJ Release
HOPEWELL TWP	S107078073		BEAR TAVERN RD	08560	NJ Release
HOPEWELL TWP	S111264609		BEAR TAVERN RD AT JACOB CREEK	08560	NJ Release
HOPEWELL TWP	S106763395	SCOTCH ROAD	SCOTCH RD	08628	NJ VCP
PENNINGTON BORO	S106581780	418 WASHINGTON CROSSING/PENNINGTON	418 WASHINGTON CRS/PENNINGTON	08560	NJ VCP
WEST TRENTON	1016651815	FAA TTN RTR	BEAR TAVERN RD - TTN RTR BLDG	08628	FINDS, ECHO
WEST TRENTON	1001202723	FAA TTN RTR	BEAR TAVERN RD - TTN RTR BLDG	08628	RCRA NonGen / NLR
WEST TRENTON	S107109491	JONES FARM	BEAR TAVERN RD @295		NJ Release
WEST TRENTON	S104371041	EXECUTIVE JETPORT	SAM WEINROTH RD		NJ Release

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/06/2019	Source: EPA
Date Data Arrived at EDR: 02/15/2019	Telephone: N/A
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/06/2019	Source: EPA
Date Data Arrived at EDR: 02/15/2019	Telephone: N/A
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 28

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 02/06/2019	Source: EPA
Date Data Arrived at EDR: 02/15/2019	Telephone: 800-424-9346
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 02/04/2019

Date Data Arrived at EDR: 02/08/2019

Date Made Active in Reports: 03/08/2019

Number of Days to Update: 28

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 02/08/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Known Contaminated Sites in New Jersey

The Known Contaminated Sites in New Jersey includes sites under the purview of the Site Remediation Program which have contamination present at levels greater than the applicable cleanup criteria for soil and/or groundwater standards. The sites appearing in Known Contaminated Sites in New Jersey are classified as either active, where the site is assigned to a specific remedial program area, or pending, where the site is awaiting assignment to a specific remedial program area. Sites where no further action (NFA) designation has been given are not included in this report unless there are other areas of identified contamination which have not been remediated. This report includes sites being remediated under all of the various regulatory programs administered by the Site Remediation Program such as: Federal Superfund Program, Federal Resource Conservation and Recovery Act (RCRA), New Jersey's Industrial Site Recovery Act (ISRA), New Jersey's Underground Storage of Hazardous Substances Act, New Jersey's Spill Compensation and Control Act, New Jersey's Solid Waste Management Act, New Jersey's Water Pollution Control Act.

Date of Government Version: 10/23/2018

Date Data Arrived at EDR: 10/24/2018

Date Made Active in Reports: 11/05/2018

Number of Days to Update: 12

Source: New Jersey Department of Environmental Protection

Telephone: 609-292-8761

Last EDR Contact: 02/19/2019

Next Scheduled EDR Contact: 06/03/2019

Data Release Frequency: Varies

HWS RE-EVAL: Site Re-Evaluation Report

The locations were removed from the Known Contaminated Sites list for a variety of reasons. Some of the sites were taken off the list because they were inactive, some were not assigned a case worker and some were no longer contaminated. Inspectors from the DEP are now undertaking a full re-evaluation of each of the locations statewide. That includes visual and environmental tests to see whether contamination still exists.

Date of Government Version: 09/20/2007

Date Data Arrived at EDR: 10/12/2007

Date Made Active in Reports: 12/03/2007

Number of Days to Update: 52

Source: Department of Environmental Protection

Telephone: 609-984-3081

Last EDR Contact: 02/20/2019

Next Scheduled EDR Contact: 06/03/2019

Data Release Frequency: No Update Planned

HIST HWS: Known Contaminated Sites Listing

The Known Contaminated Sites in New Jersey report is a municipal listing of sites where contamination of soil and/or ground water is confirmed at levels greater than the applicable cleanup criteria or standards. Remedial activities are underway or required at the sites with an on-site source(s) of contamination and at locations where the source(s) of contamination is unknown. Sites with completed remedial work that require engineering and/or institutional controls have reporting measures in place to ensure the effectiveness of past actions, and some include maintenance and/or monitoring

Date of Government Version: 05/09/2008

Date Data Arrived at EDR: 11/14/2008

Date Made Active in Reports: 11/26/2008

Number of Days to Update: 12

Source: Department of Environmental Protection

Telephone: 209-292-2943

Last EDR Contact: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009

Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Solid Waste Facility Directory

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/11/2018
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 609-984-6741
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: UST Active Remediation Sites Listing

A listing of regulated Underground Storage Tanks that have a cleanup underway.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 18

Source: New Jersey Department of Environmental Protection
Telephone: 609-292-8761
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

HIST LUST: Historical Leaking USTs

This listing is no longer updated or maintained by the DEP.

Date of Government Version: 09/17/2002	Source: Department of Environment Protection
Date Data Arrived at EDR: 01/27/2006	Telephone: 609-292-8761
Date Made Active in Reports: 02/08/2006	Last EDR Contact: 12/17/2007
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/08/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

UST: Underground Storage Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 01/02/2019
Date Made Active in Reports: 01/22/2019
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

MAJOR FACILITIES: List of Major Facilities

Major facilities means all facilities, located on one or more contiguous or adjacent properties owned or operated by the same person, having total combined storage capacity of 20,000 gallons or more for hazardous substances other than petroleum or petroleum products, or 200,000 gallons or more for hazardous substances of all kinds.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: 609-292-1690
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Declaration Environmental Restriction/Deed Notice Sites

Legal Document that restricts the use of contaminated property; holds owner(s) to the regulatory/statutory requirements for cleanup.

Date of Government Version: 08/07/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/17/2018	Telephone: 609-341-3121
Date Made Active in Reports: 11/05/2018	Last EDR Contact: 02/19/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

INST CONTROL: Classification Exception Area Sites

A Classification Exception Area is an institutional control providing notice that ground water contamination exists in a particular location above State standards.

Date of Government Version: 08/07/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/17/2018	Telephone: 609-341-3121
Date Made Active in Reports: 11/05/2018	Last EDR Contact: 02/19/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/19/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

Date of Government Version: 01/12/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/22/2018	Telephone: 609-341-3121
Date Made Active in Reports: 07/02/2018	Last EDR Contact: 12/27/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Varies

PF: Publicly Funded Cleanups Site Status Report

The report focuses on publicly funded cleanups and features progress achieved and underway at all sites that are being addressed by the NJDEP with public funds.

Date of Government Version: 12/31/2003	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/25/2005	Telephone: 609-292-9418
Date Made Active in Reports: 05/06/2005	Last EDR Contact: 01/22/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Database

Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable cleanup criteria.

Date of Government Version: 11/16/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/16/2018	Telephone: 609-292-1251
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

NON OP LF: Non-Operating Landfills

The landfills described in this document are non-operating and historic landfills identified by, or reported to, the Department. Working with local and regional environmental agencies, community representatives, and through review of historic materials the Site Remediation Program is developing this inventory to prevent injury to human and ecological resources.

Date of Government Version: 06/26/2008
Date Data Arrived at EDR: 09/30/2010
Date Made Active in Reports: 10/15/2010
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Varies

SWRCY: Approved Class B Recycling Facilities

"Class B recyclable material" means a source separated recyclable material which is subject to Department approval prior to receipt, storage, processing or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b.

Date of Government Version: 09/01/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Directory

Old or non-permitted solid waste facilities/landfills that are not included in the current solid waste facilities/landfills database.

Date of Government Version: 06/10/2003
Date Data Arrived at EDR: 02/19/2004
Date Made Active in Reports: 03/09/2004
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 609-984-6880
Last EDR Contact: 02/19/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/17/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

NJEMS: New Jersey Environmental Management System

NJEMS Sites are points representing sites regulated by NJDEP under one or more regulatory permitting or enforcement programs, or sites that are otherwise of some interest to a NJDEP program. Program interests included in NJEMS are: Air, Communications Center, Discharge Prevention, Exams and Licensing, Fish Game and Wildlife, Green Acres, Hazardous Waste, Lab Certification, Land Use, Landscape Irrigation, Parks and Forestry, Pesticides, Pinelands, Planning, Radiation, Right-to-Know, Site Remediation, Soil Conservation, Solid Waste, TCPA, Water Quality, Water Supply, and Watershed Management.

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 609-633-1208
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS: Environmental LIENS

A listing of properties with environmental liens. The listing includes sites from the Site Remediation & Waste Management Program Sites where the Department has placed either a 1st Priority or Regular Spill Fund Lien against. 1st Priority Type Lien - a lien placed against the property where the discharge occurred providing that the owners of the property have some responsibility towards the discharge. First Priority Lien is superior to other types of liens. Non-Priority (Regular) Type Lien - a lien placed against the Responsible Party & their revenues and all real and personal property, other than the real property comprising the location of the discharge.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/07/2018
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

NJ Spills: Spills

Initial notification information of hazardous material incidents, where there is land contamination, reported to the Department of Environmental Protection's Environmental Action Line. The DEP has not conducted any investigation to determine its validity or accuracy.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

NJ Release: Hazardous Material Incident Database

Hazardous material release. Initial notification information reported to the Department of Environmental Protection's Environmental Action Line and the office has not conducted any investigations to determine its validity or accuracy.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/02/1997
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/15/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 202-566-1917
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/08/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/20/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/25/2019
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 703-416-0223
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 03/14/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 202-564-8600
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 03/14/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/05/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/25/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2019	Telephone: 202-343-9775
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 01/03/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 01/18/2019
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/14/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 02/21/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

AIRS: Emissions Inventory Listing

An emission inventory is an estimate of air pollutant emissions in a given area. Emission inventories are fundamental building blocks used to develop air quality control strategies on a local, regional and national level. Emission inventories are also used to estimate the progress of an air quality program.

Date of Government Version: 12/10/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/12/2018	Telephone: 609-984-5483
Date Made Active in Reports: 01/25/2019	Last EDR Contact: 03/18/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Varies

CHROME: Chromate Chemical Production Waste Sites

Known chromate chemical production waste sites.

Date of Government Version: 07/02/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/07/2017	Telephone: 609-984-4071
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 02/08/2019
Number of Days to Update: 170	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

COAL ASH: Coal Ash Listing

Coal combustion survey ash listing.

Date of Government Version: 05/10/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/12/2010	Telephone: 609-984-6985
Date Made Active in Reports: 06/28/2010	Last EDR Contact: 01/28/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 11/05/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/06/2018	Telephone: 609-292-2795
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Financial Assurance information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/02/2018
Number of Days to Update: 41

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Semi-Annually

GW CONTAM AREAS: Groundwater Contamination Areas

This data identifies those sites where groundwater contamination has been identified and, where appropriate, the NJDEP has established a Classification Exception Area (CEA). CEAs are institutional controls in geographically defined areas within which the New Jersey Ground Water Quality Standards (NJGWQS) for specific contaminants have been exceeded. When a CEA is designated for an area, the constituent standards and designated aquifer uses are suspended for the term of the CEA. This data layer contains information about areas in the state which are specified as the Currently Known Extent (CKE) of ground water pollution. CKE areas are geographically defined areas within which the local ground water resources are known to be compromised because the water quality exceeds drinking water and ground water quality standards for specific contaminants.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 609-777-0672
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

HIST MAJOR FACILITIES: List of Major Facilities

Major facilities means all facilities, located on one or more contiguous or adjacent properties owned or operated by the same person, having total combined storage capacity of 20,000 gallons or more for hazardous substances other than petroleum or petroleum products, or 200,000 gallons or more for hazardous substances of all kinds. This file contains detail information that is no longer available by the Department of Environmental Protection due to security concerns.

Date of Government Version: 01/02/2002
Date Data Arrived at EDR: 01/11/2006
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 0

Source: Department of Environmental Protection
Telephone: 609-633-7476
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: No Update Planned

ISRA: ISRA Database

The ISRA process begins with determining if the Act applies to your type of business and transaction. The provisions of ISRA only apply to industrial establishments. What is an industrial establishment? The term "industrial establishment" refers to the type of business operations and transactions that would subject a facility to review under ISRA. An industrial establishment must meet each of the following three criteria: The place of business or real property at which such business is conducted, having a North American Industry Classification System (NAICS) code listed in N.J.A.C. 7:26 B - Appendix C subject to the specified exceptions and limitations. The place of business must have been engaged in operations on or after December 31, 1983; and The place of business must involve the generation, manufacture, refining, transportation, treatment, storage, handling, or disposal of hazardous substances or hazardous wastes.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 01/22/2019
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 609-984-3081
Last EDR Contact: 12/13/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJPDES: New Jersey Pollutant Discharge Elimination System Dischargers

The NJPDES contains the names, addresses and other information of all permitted New Jersey Pollutant Discharge Elimination System dischargers.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 11/29/2018
Date Made Active in Reports: 01/22/2019
Number of Days to Update: 54

Source: Department of Environmental Protection
Telephone: 609-984-4428
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/09/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/11/2009
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 609-292-0407
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGH HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: New Jersey Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGH LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: New Jersey Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGH LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: New Jersey Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Center Listings

Source: Department of Human Services

Telephone: 609-292-1018

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 609-984-2243

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TTN
1100 TERMINAL CIRCLE DRIVE
TRENTON, NJ 08628

TARGET PROPERTY COORDINATES

Latitude (North):	40.277666 - 40° 16' 39.60"
Longitude (West):	74.818263 - 74° 49' 5.75"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	515450.4
UTM Y (Meters):	4458381.5
State Plane X (Feet):	403330.5
State Plane Y (Feet):	526216.8
Elevation:	196 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6048971 PENNINGTON, NJ
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

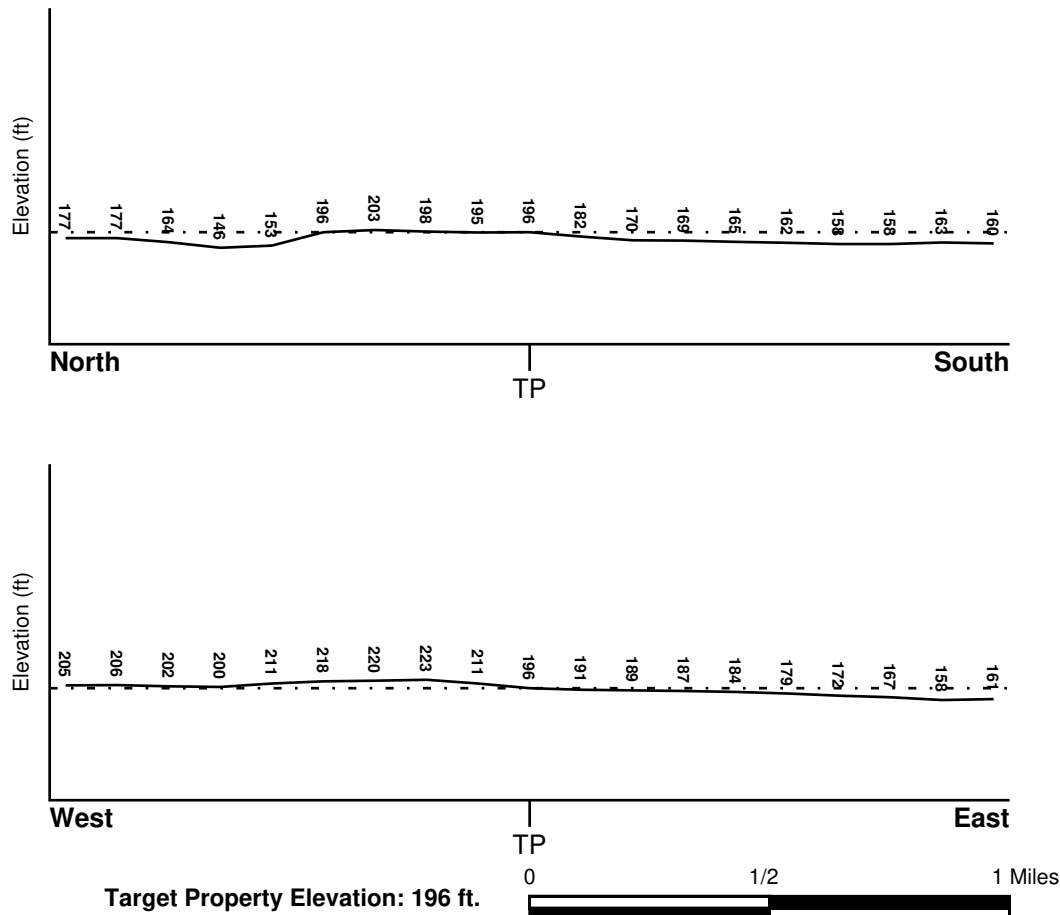
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42017C0364J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3452980020C	FEMA Q3 Flood data
3452980015D	FEMA Q3 Flood data
3452940002B	FEMA Q3 Flood data
3452940001B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
PENNINGTON	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

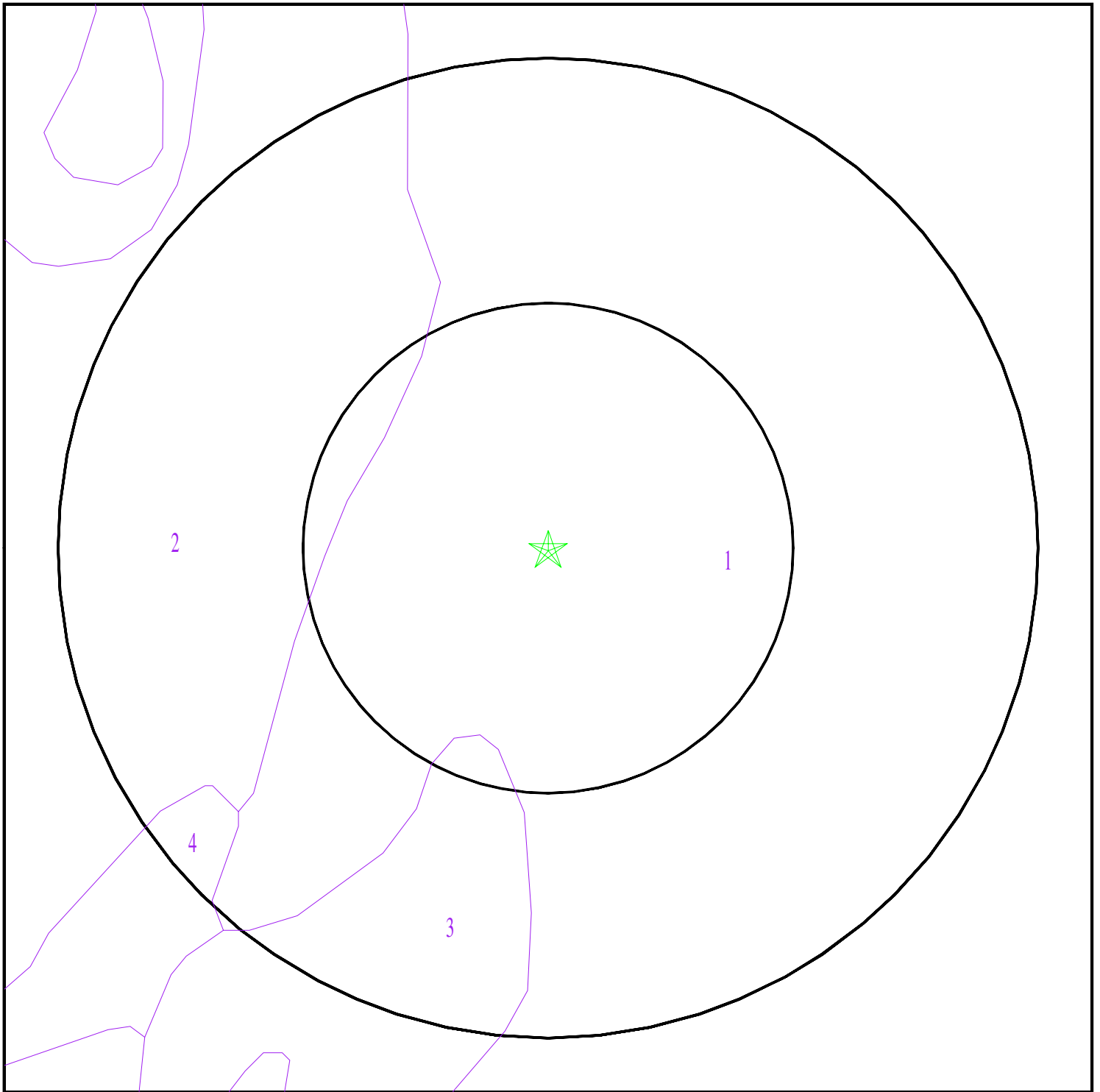
Era:	Mesozoic
System:	Triassic
Series:	Triassic
Code:	Tr (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5594699.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: TTN
ADDRESS: 1100 Terminal Circle Drive
Trenton NJ 08628
LAT/LONG: 40.277666 / 74.818263

CLIENT: Urban Engineers, Inc.
CONTACT: Jennifer Waters
INQUIRY #: 5594699.2s
DATE: March 19, 2019 4:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 77 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.41 Min: 0.01	Max: Min:
2	29 inches	157 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.41 Min: 0.01	Max: Min:

Soil Map ID: 2

Soil Component Name: Quakertown

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	7 inches	11 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
2	35 inches	55 inches	channery clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
3	55 inches	157 inches	unweathered bedrock	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
4	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
5	20 inches	35 inches	silty clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
6	11 inches	20 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1

Soil Map ID: 3

Soil Component Name: Quakertown

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	7 inches	11 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
2	35 inches	55 inches	channery clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
3	55 inches	157 inches	unweathered bedrock	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
4	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
5	20 inches	35 inches	silty clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1
6	11 inches	20 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 6 Min: 5.1

Soil Map ID: 4

Soil Component Name: Quakertown

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
2	7 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	9 inches	29 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
4	29 inches	42 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:
5	42 inches	157 inches	unweathered bedrock	Not reported	Not reported	Max: 14.11 Min: 1.41	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
30	USGS40000814238	1/4 - 1/2 Mile SE
K37	USGS40000814233	1/4 - 1/2 Mile SE
I38	USGS40000814249	1/4 - 1/2 Mile SE
K43	USGS40000814228	1/2 - 1 Mile SSE
K44	USGS40000814225	1/2 - 1 Mile SSE
K45	USGS40000814227	1/2 - 1 Mile SSE
M46	USGS40000814226	1/2 - 1 Mile SSE
M47	USGS40000814222	1/2 - 1 Mile SSE
M49	USGS40000814224	1/2 - 1 Mile SSE
M50	USGS40000814220	1/2 - 1 Mile SSE
M51	USGS40000814221	1/2 - 1 Mile SSE
K52	USGS40000814223	1/2 - 1 Mile SSE
M59	USGS40000814213	1/2 - 1 Mile SSE
M62	USGS40000814207	1/2 - 1 Mile SSE
P63	USGS40000814218	1/2 - 1 Mile SE
P64	USGS40000814219	1/2 - 1 Mile SE
Q65	USGS40000814197	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
P67	USGS40000814212	1/2 - 1 Mile SE
P68	USGS40000814200	1/2 - 1 Mile SSE
Q69	USGS40000814201	1/2 - 1 Mile SSE
Q70	USGS40000814196	1/2 - 1 Mile SSE
R71	USGS40000814189	1/2 - 1 Mile SSE
Q72	USGS40000814187	1/2 - 1 Mile SSE
R77	USGS40000814165	1/2 - 1 Mile SSE
Q78	USGS40000814188	1/2 - 1 Mile SSE
P83	USGS40000814211	1/2 - 1 Mile SE
P84	USGS40000814210	1/2 - 1 Mile SE
P85	USGS40000814199	1/2 - 1 Mile SSE
P86	USGS40000814192	1/2 - 1 Mile SE
Q87	USGS40000814163	1/2 - 1 Mile SSE
Q88	USGS40000814164	1/2 - 1 Mile SSE
R89	USGS40000814142	1/2 - 1 Mile SSE
Q90	USGS40000814162	1/2 - 1 Mile SSE
Q91	USGS40000814155	1/2 - 1 Mile SSE
V92	USGS40000814217	1/2 - 1 Mile SE
W93	USGS40000814179	1/2 - 1 Mile SSE
R94	USGS40000814119	1/2 - 1 Mile SSE
Q95	USGS40000814148	1/2 - 1 Mile SSE
R96	USGS40000814141	1/2 - 1 Mile SSE
Q101	USGS40000814136	1/2 - 1 Mile SSE
Q102	USGS40000814137	1/2 - 1 Mile SSE
Q103	USGS40000814138	1/2 - 1 Mile SSE
Q104	USGS40000814150	1/2 - 1 Mile SSE
Q105	USGS40000814149	1/2 - 1 Mile SSE
Q106	USGS40000814154	1/2 - 1 Mile SSE
Q107	USGS40000814153	1/2 - 1 Mile SSE
Q108	USGS40000814151	1/2 - 1 Mile SSE
Q109	USGS40000814152	1/2 - 1 Mile SSE
R110	USGS40000814121	1/2 - 1 Mile SSE
W111	USGS40000814184	1/2 - 1 Mile SSE
W112	USGS40000814185	1/2 - 1 Mile SSE
W113	USGS40000814186	1/2 - 1 Mile SSE
W114	USGS40000814183	1/2 - 1 Mile SSE
W115	USGS40000814180	1/2 - 1 Mile SSE
W116	USGS40000814181	1/2 - 1 Mile SSE
W117	USGS40000814182	1/2 - 1 Mile SSE
Q118	USGS40000814156	1/2 - 1 Mile SSE
Q119	USGS40000814158	1/2 - 1 Mile SSE
Q120	USGS40000814157	1/2 - 1 Mile SSE
Q121	USGS40000814159	1/2 - 1 Mile SSE
Q122	USGS40000814160	1/2 - 1 Mile SSE
Q123	USGS40000814161	1/2 - 1 Mile SSE
R124	USGS40000814122	1/2 - 1 Mile SSE
R125	USGS40000814120	1/2 - 1 Mile SSE
W126	USGS40000814177	1/2 - 1 Mile SSE
R127	USGS40000814140	1/2 - 1 Mile SSE
W128	USGS40000814195	1/2 - 1 Mile SSE
Q129	USGS40000814139	1/2 - 1 Mile SSE
W130	USGS40000814178	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Q131	USGS40000814134	1/2 - 1 Mile SSE
Q132	USGS40000814135	1/2 - 1 Mile SSE
W133	USGS40000814176	1/2 - 1 Mile SSE
Y134	USGS40000814130	1/2 - 1 Mile SSE
Y135	USGS40000814129	1/2 - 1 Mile SSE
Y136	USGS40000814128	1/2 - 1 Mile SSE
Y137	USGS40000814131	1/2 - 1 Mile SSE
Y138	USGS40000814133	1/2 - 1 Mile SSE
Y139	USGS40000814132	1/2 - 1 Mile SSE
W140	USGS40000814175	1/2 - 1 Mile SSE
W141	USGS40000814194	1/2 - 1 Mile SE
V142	USGS40000814216	1/2 - 1 Mile SE
W143	USGS40000814147	1/2 - 1 Mile SSE
W144	USGS40000814146	1/2 - 1 Mile SSE
R147	USGS40000814118	1/2 - 1 Mile SSE
Y148	USGS40000814116	1/2 - 1 Mile SSE
Y149	USGS40000814115	1/2 - 1 Mile SSE
Y150	USGS40000814107	1/2 - 1 Mile SSE
Y151	USGS40000814117	1/2 - 1 Mile SSE
W152	USGS40000814114	1/2 - 1 Mile SSE
V153	USGS40000814206	1/2 - 1 Mile SE
W154	USGS40000814113	1/2 - 1 Mile SSE
Y155	USGS40000814108	1/2 - 1 Mile SSE
Y156	USGS40000814105	1/2 - 1 Mile SSE
V157	USGS40000814205	1/2 - 1 Mile SE
Y158	USGS40000814106	1/2 - 1 Mile SSE
W159	USGS40000814112	1/2 - 1 Mile SSE
W160	USGS40000814111	1/2 - 1 Mile SSE
AA161	USGS40000814214	1/2 - 1 Mile SE
V162	USGS40000814209	1/2 - 1 Mile SE
AA163	USGS40000814215	1/2 - 1 Mile SE
Y164	USGS40000814104	1/2 - 1 Mile SSE
V165	USGS40000814208	1/2 - 1 Mile SE
V166	USGS40000814203	1/2 - 1 Mile SE
V167	USGS40000814204	1/2 - 1 Mile SE
AB168	USGS40000814174	1/2 - 1 Mile SE
AB169	USGS40000814193	1/2 - 1 Mile SE
AB170	USGS40000814126	1/2 - 1 Mile SSE
AB171	USGS40000814127	1/2 - 1 Mile SSE
AC172	USGS40000814198	1/2 - 1 Mile SE
AD173	USGS40000814091	1/2 - 1 Mile SSE
Y174	USGS40000814098	1/2 - 1 Mile SSE
Y175	USGS40000814103	1/2 - 1 Mile SSE
Y176	USGS40000814101	1/2 - 1 Mile SSE
Y177	USGS40000814102	1/2 - 1 Mile SSE
AB178	USGS40000814173	1/2 - 1 Mile SE
AB179	USGS40000814172	1/2 - 1 Mile SE
Y180	USGS40000814097	1/2 - 1 Mile SSE
AB181	USGS40000814191	1/2 - 1 Mile SE
AB182	USGS40000814171	1/2 - 1 Mile SE
AE183	USGS40000814095	1/2 - 1 Mile SSE
AB184	USGS40000814169	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AE185	USGS40000814096	1/2 - 1 Mile SSE
AA191	USGS40000814202	1/2 - 1 Mile SE
AB192	USGS40000814170	1/2 - 1 Mile SE
AE193	USGS40000814094	1/2 - 1 Mile SSE
AB194	USGS40000814145	1/2 - 1 Mile SE
AB195	USGS40000814168	1/2 - 1 Mile SE
AC209	USGS40000814167	1/2 - 1 Mile SE
AB210	USGS40000814125	1/2 - 1 Mile SE
AC211	USGS40000814166	1/2 - 1 Mile SE
AJ225	USGS40000814100	1/2 - 1 Mile SE
AJ231	USGS40000814090	1/2 - 1 Mile SSE
AJ234	USGS40000814089	1/2 - 1 Mile SSE
AO235	USGS40000814088	1/2 - 1 Mile SSE
AO236	USGS40000814087	1/2 - 1 Mile SSE
AJ238	USGS40000814099	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
271	NJ1114200	1/2 - 1 Mile South

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	NJDEP1000331669	0 - 1/8 Mile ESE
A2	NJDEP1000331632	0 - 1/8 Mile ESE
A3	NJDEP1000340112	0 - 1/8 Mile ESE
A4	NJDEP1000340059	0 - 1/8 Mile ESE
5	NJDEP1000325735	1/8 - 1/4 Mile East
B6	NJDEP1000331470	1/8 - 1/4 Mile NE
B7	NJDEP1000339639	1/8 - 1/4 Mile NE
C8	NJDEP1000331841	1/8 - 1/4 Mile East
C9	NJDEP1000340372	1/8 - 1/4 Mile East
D10	NJDEP1000330963	1/4 - 1/2 Mile South
D11	NJDEP1000326922	1/4 - 1/2 Mile South
D12	NJDEP1000342067	1/4 - 1/2 Mile South
D13	NJDEP1000332616	1/4 - 1/2 Mile South
E14	NJDEP1000327391	1/4 - 1/2 Mile North
E15	NJDEP1000332482	1/4 - 1/2 Mile North
E16	NJDEP1000341856	1/4 - 1/2 Mile North
F17	NJDEP1000331870	1/4 - 1/2 Mile NNW
F18	NJDEP1000340408	1/4 - 1/2 Mile NNW
G19	NJDEP1000321253	1/4 - 1/2 Mile SE
G20	NJDEP1000332966	1/4 - 1/2 Mile SE
H21	NJDEP1000331763	1/4 - 1/2 Mile NE
H22	NJDEP1000321433	1/4 - 1/2 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H23	NJDEP1000340237	1/4 - 1/2 Mile NE
H24	NJDEP1000333070	1/4 - 1/2 Mile NE
25	NJDEP1000322145	1/4 - 1/2 Mile East
I26	NJDEP1000331899	1/4 - 1/2 Mile ESE
I27	NJDEP1000334451	1/4 - 1/2 Mile ESE
I28	NJDEP1000340441	1/4 - 1/2 Mile ESE
I29	NJDEP1000327084	1/4 - 1/2 Mile ESE
J31	NJDEP1000325839	1/4 - 1/2 Mile ENE
J32	NJDEP1000321298	1/4 - 1/2 Mile ENE
J33	NJDEP1000321297	1/4 - 1/2 Mile ENE
J34	NJDEP1000333920	1/4 - 1/2 Mile ENE
J35	NJDEP1000332992	1/4 - 1/2 Mile ENE
J36	NJDEP1000332991	1/4 - 1/2 Mile ENE
L39	NJDEP1000321593	1/2 - 1 Mile North
L40	NJDEP1000321587	1/2 - 1 Mile North
L41	NJDEP1000333585	1/2 - 1 Mile North
L42	NJDEP1000322920	1/2 - 1 Mile North
48	NJDEP1000321594	1/2 - 1 Mile NNW
N53	NJDEP1000330913	1/2 - 1 Mile NNE
N54	NJDEP1000323630	1/2 - 1 Mile NNE
N55	NJDEP1000321923	1/2 - 1 Mile NNE
N56	NJDEP1000340785	1/2 - 1 Mile NNE
N57	NJDEP1000333712	1/2 - 1 Mile NNE
N58	NJDEP1000333207	1/2 - 1 Mile NNE
O60	NJDEP1000339893	1/2 - 1 Mile West
O61	NJDEP1000340303	1/2 - 1 Mile West
66	NJDEP1000342116	1/2 - 1 Mile East
S73	NJDEP1000332558	1/2 - 1 Mile WSW
S74	NJDEP1000331653	1/2 - 1 Mile WSW
S75	NJDEP1000341987	1/2 - 1 Mile WSW
S76	NJDEP1000340087	1/2 - 1 Mile WSW
T79	NJDEP1000332334	1/2 - 1 Mile SW
T80	NJDEP1000341664	1/2 - 1 Mile SW
U81	NJDEP1000328282	1/2 - 1 Mile NW
U82	NJDEP1000328283	1/2 - 1 Mile NW
X97	NJDEP1000332481	1/2 - 1 Mile ENE
X98	NJDEP1000321414	1/2 - 1 Mile ENE
X99	NJDEP1000341855	1/2 - 1 Mile ENE
X100	NJDEP1000333058	1/2 - 1 Mile ENE
Z145	NJDEP1000326278	1/2 - 1 Mile NNW
Z146	NJDEP1000334045	1/2 - 1 Mile NNW
AF186	NJDEP1000332607	1/2 - 1 Mile South
AF187	NJDEP1000331633	1/2 - 1 Mile South
AF188	NJDEP1000340060	1/2 - 1 Mile South
AF189	NJDEP1000342057	1/2 - 1 Mile South
AF190	NJDEP1000341771	1/2 - 1 Mile South
196	NJDEP1000322123	1/2 - 1 Mile SW
AG197	NJDEP1000332883	1/2 - 1 Mile NW
AG198	NJDEP1000332298	1/2 - 1 Mile NW
AG199	NJDEP1000342757	1/2 - 1 Mile NW
AG200	NJDEP1000341611	1/2 - 1 Mile NW
AH201	NJDEP1000332006	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AH202	NJDEP1000332194	1/2 - 1 Mile SSW
AH203	NJDEP1000331591	1/2 - 1 Mile SSW
AH204	NJDEP1000331775	1/2 - 1 Mile SSW
AH205	NJDEP1000340576	1/2 - 1 Mile SSW
AH206	NJDEP1000341333	1/2 - 1 Mile SSW
AH207	NJDEP1000340014	1/2 - 1 Mile SSW
AH208	NJDEP1000340252	1/2 - 1 Mile SSW
AD212	NJDEP1000332324	1/2 - 1 Mile SSE
AD213	NJDEP1000332372	1/2 - 1 Mile SSE
AD214	NJDEP1000327384	1/2 - 1 Mile SSE
AD215	NJDEP1000330916	1/2 - 1 Mile SSE
AD216	NJDEP1000338228	1/2 - 1 Mile SSE
AD217	NJDEP1000341648	1/2 - 1 Mile SSE
AD218	NJDEP1000341722	1/2 - 1 Mile SSE
AD219	NJDEP1000338970	1/2 - 1 Mile SSE
AD220	NJDEP1000340788	1/2 - 1 Mile SSE
AI221	NJDEP1000330856	1/2 - 1 Mile North
AI222	NJDEP1000322261	1/2 - 1 Mile North
AI223	NJDEP1000340718	1/2 - 1 Mile North
AI224	NJDEP1000333473	1/2 - 1 Mile North
AK226	NJDEP1000332218	1/2 - 1 Mile NE
AK227	NJDEP1000341364	1/2 - 1 Mile NE
AL228	NJDEP1000325736	1/2 - 1 Mile South
AM229	NJDEP1000321550	1/2 - 1 Mile NNW
AM230	NJDEP1000333156	1/2 - 1 Mile NNW
AN232	NJDEP1000323955	1/2 - 1 Mile NNE
AN233	NJDEP1000329416	1/2 - 1 Mile NNE
AL237	NJDEP1000325036	1/2 - 1 Mile South
AP239	NJDEP1000332104	1/2 - 1 Mile SSW
AP240	NJDEP1000332234	1/2 - 1 Mile SSW
AP241	NJDEP1000331560	1/2 - 1 Mile SSW
AP242	NJDEP1000322799	1/2 - 1 Mile SSW
AP243	NJDEP1000327843	1/2 - 1 Mile SSW
AP244	NJDEP1000332385	1/2 - 1 Mile SSW
AP245	NJDEP1000341381	1/2 - 1 Mile SSW
AP246	NJDEP1000341739	1/2 - 1 Mile SSW
AP247	NJDEP1000341225	1/2 - 1 Mile SSW
AP248	NJDEP1000333496	1/2 - 1 Mile SSW
AP249	NJDEP1000339982	1/2 - 1 Mile SSW
AQ250	NJDEP1000332535	1/2 - 1 Mile SSE
AQ251	NJDEP1000341945	1/2 - 1 Mile SSE
AR252	NJDEP1000328281	1/2 - 1 Mile NNW
AR253	NJDEP1000328280	1/2 - 1 Mile NNW
AR254	NJDEP1000328284	1/2 - 1 Mile NNW
AR255	NJDEP1000330646	1/2 - 1 Mile NNW
AR256	NJDEP1000328285	1/2 - 1 Mile NNW
257	NJDEP1000325073	1/2 - 1 Mile South
AS258	NJDEP1000322079	1/2 - 1 Mile NNE
AS259	NJDEP1000333339	1/2 - 1 Mile NNE
AT260	NJDEP1000331451	1/2 - 1 Mile West
AT261	NJDEP1000339614	1/2 - 1 Mile West
AU262	NJDEP1000339589	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
263	NJDEP1000338977	1/2 - 1 Mile North
AV264	NJDEP1000325412	1/2 - 1 Mile SSW
265	NJDEP1000330888	1/2 - 1 Mile North
266	NJDEP1000322124	1/2 - 1 Mile WSW
AU267	NJDEP1000324710	1/2 - 1 Mile South
AW268	NJDEP1000331331	1/2 - 1 Mile WNW
AX269	NJDEP1000326715	1/2 - 1 Mile NNW
AX270	NJDEP1000334329	1/2 - 1 Mile NNW
AY272	NJDEP1000330884	1/2 - 1 Mile SW
AY273	NJDEP1000340750	1/2 - 1 Mile SW
AV274	NJDEP1000325416	1/2 - 1 Mile SSW
AZ275	NJDEP1000326760	1/2 - 1 Mile SSE
AZ276	NJDEP1000334369	1/2 - 1 Mile SSE
277	NJDEP1000338169	1/2 - 1 Mile ESE
AW278	NJDEP1000333154	1/2 - 1 Mile WNW
BA279	NJDEP1000332099	1/2 - 1 Mile SE
BA280	NJDEP1000330874	1/2 - 1 Mile SE
BA281	NJDEP1000330873	1/2 - 1 Mile SE
BA282	NJDEP1000340738	1/2 - 1 Mile SE
BA283	NJDEP1000340737	1/2 - 1 Mile SE
BA284	NJDEP1000340736	1/2 - 1 Mile SE
BB285	NJDEP1000321500	1/2 - 1 Mile NW
BB286	NJDEP1000322918	1/2 - 1 Mile NW
BB287	NJDEP1000333583	1/2 - 1 Mile NW
BC288	NJDEP1000330871	1/2 - 1 Mile East
BC289	NJDEP1000340734	1/2 - 1 Mile East

This topographic map depicts the Fort Belvoir Military Reservation in Montana. The reservation is outlined in black and contains a large 'X' marking the central area. Numerous points of interest are labeled with letters and numbers, including 'AX', 'BB', 'AR', 'AM', 'AI', 'AN', 'AS', 'WZ', 'AG', 'U', 'L', 'N', 'W', 'AK', 'AT', 'S', 'D', 'G', 'J', 'K', 'M', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z', 'AA', 'AB', 'AC', 'AD', 'AE', 'AF', 'AG', 'AH', 'AI', 'AJ', 'AK', 'AL', 'AM', 'AN', 'AO', 'AP', 'AQ', 'AR', 'AS', 'AT', 'AU', 'AV', 'AW', 'AX', 'AY', 'AZ', 'BA', 'BB', 'BC', 'BD', 'BE', 'BF', 'BG', 'BH', 'BI', 'BJ', 'BK', 'BL', 'BM', 'BN', 'BO', 'BP', 'BQ', 'BR', 'BS', 'BT', 'BU', 'BV', 'BW', 'BX', 'BY', 'BZ', 'CA', 'CB', 'CC', 'CD', 'CE', 'CF', 'CG', 'CH', 'CI', 'CJ', 'CK', 'CL', 'CM', 'CN', 'CO', 'CP', 'CQ', 'CR', 'CS', 'CT', 'CU', 'CV', 'CW', 'CX', 'CY', 'CZ', 'DA', 'DB', 'DC', 'DD', 'DE', 'DF', 'DG', 'DH', 'DI', 'DJ', 'DK', 'DL', 'DM', 'DN', 'DO', 'DP', 'DQ', 'DR', 'DS', 'DT', 'DU', 'DV', 'DW', 'DX', 'DY', 'DZ', 'EA', 'EB', 'EC', 'ED', 'EE', 'EF', 'EG', 'EH', 'EI', 'EJ', 'EK', 'EL', 'EM', 'EN', 'EO', 'EP', 'EQ', 'ER', 'ES', 'ET', 'EU', 'EV', 'EW', 'EX', 'EY', 'EZ', 'FA', 'FB', 'FC', 'FD', 'FE', 'FF', 'FG', 'FH', 'FI', 'FJ', 'FK', 'FL', 'FM', 'FN', 'FO', 'FP', 'FQ', 'FR', 'FS', 'FT', 'FU', 'FV', 'FW', 'FX', 'FY', 'FZ', 'GA', 'GB', 'GC', 'GD', 'GE', 'GF', 'GG', 'GH', 'GI', 'GJ', 'GK', 'GL', 'GM', 'GN', 'GO', 'GP', 'GQ', 'GR', 'GS', 'GT', 'GU', 'GV', 'GW', 'GX', 'GY', 'GZ', 'HA', 'HB', 'HC', 'HD', 'HE', 'HF', 'HG', 'HH', 'HI', 'HJ', 'HK', 'HL', 'HM', 'HN', 'HO', 'HP', 'HQ', 'HR', 'HS', 'HT', 'HU', 'HV', 'HW', 'HX', 'HY', 'HZ', 'IA', 'IB', 'IC', 'ID', 'IE', 'IF', 'IG', 'IH', 'II', 'IJ', 'IK', 'IL', 'IM', 'IN', 'IO', 'IP', 'IQ', 'IR', 'IS', 'IT', 'IU', 'IV', 'IW', 'IX', 'IY', 'IZ', 'JA', 'JB', 'JC', 'JD', 'JE', 'JF', 'JG', 'JH', 'JI', 'JJ', 'JK', 'JL', 'JM', 'JN', 'JO', 'JP', 'JQ', 'JR', 'JS', 'JT', 'JU', 'JV', 'JW', 'JX', 'JY', 'JZ', 'KA', 'KB', 'KC', 'KD', 'KE', 'KF', 'KG', 'KH', 'KI', 'KJ', 'KK', 'KL', 'KM', 'KN', 'KO', 'KP', 'KQ', 'KR', 'KS', 'KT', 'KU', 'KV', 'KW', 'KX', 'KY', 'KZ', 'LA', 'LB', 'LC', 'LD', 'LE', 'LF', 'LG', 'LH', 'LI', 'LJ', 'LK', 'LL', 'LM', 'LN', 'LO', 'LP', 'LQ', 'LR', 'LS', 'LT', 'LU', 'LV', 'LW', 'LX', 'LY', 'LZ', 'MA', 'MB', 'MC', 'MD', 'ME', 'MF', 'MG', 'MH', 'MI', 'MJ', 'MK', 'ML', 'MN', 'MO', 'MP', 'MQ', 'MR', 'MS', 'MT', 'MU', 'MV', 'MW', 'MX', 'MY', 'MZ', 'NA', 'NB', 'NC', 'ND', 'NE', 'NF', 'NG', 'NH', 'NI', 'NJ', 'NK', 'NL', 'NM', 'NO', 'NP', 'NQ', 'NR', 'NS', 'NT', 'NU', 'NV', 'NW', 'NX', 'NY', 'NZ', 'OA', 'OB', 'OC', 'OD', 'OE', 'OF', 'OG', 'OH', 'OI', 'OJ', 'OK', 'OL', 'OM', 'ON', 'OO', 'OP', 'OQ', 'OR', 'OS', 'OT', 'OU', 'OV', 'OW', 'OX', 'OY', 'OZ', 'PA', 'PB', 'PC', 'PD', 'PE', 'PF', 'PG', 'PH', 'PI', 'PJ', 'PK', 'PL', 'PM', 'PN', 'PO', 'PP', 'PQ', 'PR', 'PS', 'PT', 'PU', 'PV', 'PW', 'PX', 'PY', 'PZ', 'QA', 'QB', 'QC', 'QD', 'QE', 'QF', 'QG', 'QH', 'QI', 'QJ', 'QK', 'QL', 'QM', 'QN', 'QO', 'QP', 'QQ', 'QR', 'QS', 'QT', 'QU', 'QV', 'QW', 'QX', 'QY', 'QZ', 'RA', 'RB', 'RC', 'RD', 'RE', 'RF', 'RG', 'RH', 'RI', 'RJ', 'RK', 'RL', 'RM', 'RN', 'RO', 'RP', 'RQ', 'RR', 'RS', 'RT', 'RU', 'RV', 'RW', 'RX', 'RY', 'RZ', 'SA', 'SB', 'SC', 'SD', 'SE', 'SF', 'SG', 'SH', 'SI', 'SJ', 'SK', 'SL', 'SM', 'SN', 'SO', 'SP', 'SQ', 'SR', 'SS', 'ST', 'SU', 'SV', 'SW', 'SX', 'SY', 'SZ', 'TA', 'TB', 'TC', 'TD', 'TE', 'TF', 'TG', 'TH', 'TI', 'TJ', 'TK', 'TL', 'TM', 'TN', 'TO', 'TP', 'TQ', 'TR', 'TS', 'TT', 'TU', 'TV', 'TW', 'TX', 'TY', 'TZ', 'UA', 'UB', 'UC', 'UD', 'UE', 'UF', 'UG', 'UH', 'UI', 'UJ', 'UK', 'UL', 'UM', 'UN', 'UO', 'UP', 'UQ', 'UR', 'US', 'UT', 'UU', 'UV', 'UW', 'UX', 'UY', 'UZ', 'VA', 'VB', 'VC', 'VD', 'VE', 'VF', 'VG', 'VH', 'VI', 'VJ', 'VK', 'VL', 'VM', 'VN', 'VO', 'VP', 'VQ', 'VR', 'VS', 'VT', 'VU', 'VV', 'VW', 'VX', 'VY', 'VZ', 'WA', 'WB', 'WC', 'WD', 'WE', 'WF', 'WG', 'WH', 'WI', 'WJ', 'WK', 'WL', 'WM', 'WN', 'WO', 'WP', 'WQ', 'WR', 'WS', 'WT', 'WU', 'WV', 'WW', 'WX', 'WY', 'WZ', 'XA', 'XB', 'XC', 'XD', 'XE', 'XF', 'XG', 'XH', 'XI', 'XJ', 'XK', 'XL', 'XM', 'XN', 'XO', 'XP', 'XQ', 'XR', 'XS', 'XT', 'XU', 'XV', 'XW', 'XX', 'XY', 'XZ', 'YA', 'YB', 'YC', 'YD', 'YE', 'YF', 'YG', 'YH', 'YI', 'YJ', 'YK', 'YL', 'YM', 'YN', 'YO', 'YP', 'YQ', 'YR', 'YS', 'YT', 'YU', 'YV', 'YW', 'YX', 'YY', 'YZ', 'ZA', 'ZB', 'ZC', 'ZD', 'ZE', 'ZF', 'ZG', 'ZH', 'ZI', 'ZJ', 'ZK', 'ZL', 'ZM', 'ZN', 'ZO', 'ZP', 'ZQ', 'ZR', 'ZS', 'ZT', 'ZU', 'ZV', 'ZW', 'ZX', 'ZY', 'ZZ'. The map also shows roads such as 'County Hwy 647', 'County Hwy 600', 'County Hwy 654', 'Central Ave', 'Railroad Ave', 'Phillips Ave', and 'Sagehen Dr'. A small inset map in the bottom right corner shows the location of the Fort Belvoir area within the state of Montana.

-
- A number line representing a distance of 1 mile. The line is marked with tick marks at 0, $\frac{1}{4}$, $\frac{1}{2}$, and 1. The segment between 0 and $\frac{1}{4}$ is highlighted in yellow.



CLIENT: Urban Engineers, Inc.
CONTACT: Jennifer Waters
INQUIRY #: 5594699.2s
DATE: March 19, 2019 4:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
ESE
0 - 1/8 Mile
Higher

NJ WELLS NJDEP1000331669

Database:	Water Well Permit Information	Permit #:	2700001264
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19540817
Capacity:	Not Reported	Depth:	195

A2
ESE
0 - 1/8 Mile
Higher

NJ WELLS NJDEP1000331632

Database:	Water Well Permit Information	Permit #:	2700001357
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19541116
Capacity:	Not Reported	Depth:	145

A3
ESE
0 - 1/8 Mile
Higher

NJ WELLS NJDEP1000340112

Database:	Water Well Permit Information	Permit #:	2700001264
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19540614
Capacity:	Not Reported	Depth:	150

A4
ESE
0 - 1/8 Mile
Higher

NJ WELLS NJDEP1000340059

Database:	Water Well Permit Information	Permit #:	2700001357
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19540823
Capacity:	Not Reported	Depth:	200

5
East
1/8 - 1/4 Mile
Lower

NJ WELLS NJDEP1000325735

Database:	Water Well Permit Information	Permit #:	A1705023
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20170516
Capacity:	Not Reported	Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B6
NE
1/8 - 1/4 Mile
Higher

NJ WELLS NJDEP1000331470

Database:	Water Well Permit Information	Permit #:	2700001716
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19550720
Capacity:	Not Reported	Depth:	270

B7
NE
1/8 - 1/4 Mile
Higher

NJ WELLS NJDEP1000339639

Database:	Water Well Permit Information	Permit #:	2700001716
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19550606
Capacity:	Not Reported	Depth:	200

C8
East
1/8 - 1/4 Mile
Lower

NJ WELLS NJDEP1000331841

Database:	Water Well Permit Information	Permit #:	2700000841
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19530617
Capacity:	Not Reported	Depth:	158

C9
East
1/8 - 1/4 Mile
Lower

NJ WELLS NJDEP1000340372

Database:	Water Well Permit Information	Permit #:	2700000841
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19530511
Capacity:	Not Reported	Depth:	100

D10
South
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000330963

Database:	Water Well Permit Information	Permit #:	2700009704
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19880528
Capacity:	Not Reported	Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D11
South
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000326922

Database:	Water Well Permit Information	Permit #:	2700009704
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19880519
Capacity:	Not Reported	Depth:	150

D12
South
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000342067

Database:	Water Well Permit Information	Permit #:	2700002438
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19570605
Capacity:	Not Reported	Depth:	90

D13
South
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000332616

Database:	Water Well Permit Information	Permit #:	2700002438
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19570622
Capacity:	Not Reported	Depth:	197

E14
North
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000327391

Database:	Water Well Permit Information	Permit #:	2700011198
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19910211
Capacity:	Not Reported	Depth:	300

E15
North
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000332482

Database:	Water Well Permit Information	Permit #:	2700002812
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19580526
Capacity:	Not Reported	Depth:	85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E16
North
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000341856

Database:	Water Well Permit Information	Permit #:	2700002812
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19580516
Capacity:	Not Reported	Depth:	80

F17
NNW
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000331870

Database:	Water Well Permit Information	Permit #:	2700000786
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19530312
Capacity:	Not Reported	Depth:	82

F18
NNW
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000340408

Database:	Water Well Permit Information	Permit #:	2700000786
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19530311
Capacity:	Not Reported	Depth:	90

G19
SE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000321253

Database:	Water Well Permit Information	Permit #:	2700004303
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19640608
Capacity:	Not Reported	Depth:	130

G20
SE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000332966

Database:	Water Well Permit Information	Permit #:	2700004303
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19640620
Capacity:	Not Reported	Depth:	113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H21
NE
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000331763

Database:	Water Well Permit Information	Permit #:	2700001074
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19531214
Capacity:	Not Reported	Depth:	60

H22
NE
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000321433

Database:	Water Well Permit Information	Permit #:	2700004042
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19630320
Capacity:	Not Reported	Depth:	200

H23
NE
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000340237

Database:	Water Well Permit Information	Permit #:	2700001074
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19531116
Capacity:	Not Reported	Depth:	120

H24
NE
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000333070

Database:	Water Well Permit Information	Permit #:	2700004042
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19630403
Capacity:	Not Reported	Depth:	160

25
East
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000322145

Database:	Water Well Permit Information	Permit #:	2700004717
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19660517
Capacity:	Not Reported	Depth:	200

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I26
ESE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000331899

Database:	Water Well Permit Information	Permit #:	2700000743
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19530706
Capacity:	Not Reported	Depth:	722

I27
ESE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000334451

Database:	Water Well Permit Information	Permit #:	2700010106
Well Use:	Domestic Replacement	May be Potable:	Yes
Request Type:	Record	Date Completed:	19890307
Capacity:	Not Reported	Depth:	257

I28
ESE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000340441

Database:	Water Well Permit Information	Permit #:	2700000743
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19530121
Capacity:	Not Reported	Depth:	80

I29
ESE
1/4 - 1/2 Mile
Lower

NJ WELLS NJDEP1000327084

Database:	Water Well Permit Information	Permit #:	2700010106
Well Use:	Domestic Replacement	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19890215
Capacity:	Not Reported	Depth:	100

30
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000814238

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210524-- MW-19Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920526	Well Depth:	58
Well Depth Units:	ft	Well Hole Depth:	58
Well Hole Depth Units:	ft		

**J31
ENE
1/4 - 1/2 Mile
Higher**

NJ WELLS NJDEP1000325839

Database:	Water Well Permit Information	Permit #:	2700007114
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19811016
Capacity:	Not Reported	Depth:	250

**J32
ENE
1/4 - 1/2 Mile
Higher**

NJ WELLS NJDEP1000321298

Database:	Water Well Permit Information	Permit #:	2700004233
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19640115
Capacity:	Not Reported	Depth:	150

**J33
ENE
1/4 - 1/2 Mile
Higher**

NJ WELLS NJDEP1000321297

Database:	Water Well Permit Information	Permit #:	2700004234
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19640115
Capacity:	Not Reported	Depth:	100

**J34
ENE
1/4 - 1/2 Mile
Higher**

NJ WELLS NJDEP1000333920

Database:	Water Well Permit Information	Permit #:	2700007114
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19811027
Capacity:	Not Reported	Depth:	300

**J35
ENE
1/4 - 1/2 Mile
Higher**

NJ WELLS NJDEP1000332992

Database:	Water Well Permit Information	Permit #:	2700004233
Well Use:	Domestic	May be Potable:	Yes

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Request Type:	Record	Date Completed:	19640303
Capacity:	Not Reported	Depth:	85

J36
ENE
1/4 - 1/2 Mile
Higher

NJ WELLS NJDEP1000332991

Database:	Water Well Permit Information	Permit #:	2700004234
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19640307
Capacity:	Not Reported	Depth:	90

K37
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000814233

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210426-- MW-10Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19920429	Well Depth:	88
Well Depth Units:	ft	Well Hole Depth:	88
Well Hole Depth Units:	ft		

I38
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000814249

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210523-- MW-18Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920526	Well Depth:	52
Well Depth Units:	ft	Well Hole Depth:	52
Well Hole Depth Units:	ft		

L39
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000321593

Database:	Water Well Permit Information	Permit #:	2700003799
Well Use:	Domestic	May be Potable:	Yes

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Request Type:	Permit	Date Completed:	19620126
Capacity:	Not Reported	Depth:	300

L40
North
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000321587**

Database:	Water Well Permit Information	Permit #:	2700003805
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19620227
Capacity:	Not Reported	Depth:	300

L41
North
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000333585**

Database:	Water Well Permit Information	Permit #:	2700005256
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19640629
Capacity:	Not Reported	Depth:	100

L42
North
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000322920**

Database:	Water Well Permit Information	Permit #:	2700005256
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19700709
Capacity:	Not Reported	Depth:	Not Reported

K43
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814228**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210572-- 35-MW-1	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19971105	Well Depth:	25
Well Depth Units:	ft	Well Hole Depth:	25
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K44
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814225

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210571-- 35-MW-2	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19971106	Well Depth:	22.5
Well Depth Units:	ft	Well Hole Depth:	22.5
Well Hole Depth Units:	ft		

K45
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814227

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210503-- MW-18S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881129	Well Depth:	16
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

M46
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814226

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210507-- MW-24S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881202	Well Depth:	15.5
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M47
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814222

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210526-- MW-21Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920615	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	65
Well Hole Depth Units:	ft		

48
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000321594

Database:	Water Well Permit Information	Permit #:	2700003798
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19620126
Capacity:	Not Reported	Depth:	250

M49
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814224

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210505-- MW-20S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881129	Well Depth:	19
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

M50
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814220

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210508-- MW-25S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881201	Well Depth:	18.5
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

M51
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814221**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210509-- MW-26S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881201	Well Depth:	16.3
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

K52
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814223**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210504-- MW-19S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881128	Well Depth:	17
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

N53
NNE
1/2 - 1 Mile
Higher

NJ WELLS **NJDEP1000330913**

Database:	Water Well Permit Information	Permit #:	2700000190
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19500908
Capacity:	Not Reported	Depth:	130

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N54
NNE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000323630

Database:	Water Well Permit Information	Permit #:	2700006134
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19760916
Capacity:	Not Reported	Depth:	150

N55
NNE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000321923

Database:	Water Well Permit Information	Permit #:	2700005178
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19690905
Capacity:	Not Reported	Depth:	400

N56
NNE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000340785

Database:	Water Well Permit Information	Permit #:	2700000190
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19500911
Capacity:	Not Reported	Depth:	130

N57
NNE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000333712

Database:	Water Well Permit Information	Permit #:	2700006134
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19760927
Capacity:	Not Reported	Depth:	300

N58
NNE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000333207

Database:	Water Well Permit Information	Permit #:	2700005178
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19691008
Capacity:	Not Reported	Depth:	150

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M59
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814213

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210582-- MW-55Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19991201	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

O60
West
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000339893

Database:	Water Well Permit Information	Permit #:	2700000075
Well Use:	Agric/Hort/Aqua Irrigation	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19490104
Capacity:	Not Reported	Depth:	170

O61
West
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000340303

Database:	Water Well Permit Information	Permit #:	27000000967
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19530818
Capacity:	Not Reported	Depth:	65

M62
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814207

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210516-- MW-9Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920602	Well Depth:	44
Well Depth Units:	ft	Well Hole Depth:	44
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P63
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814218

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210506-- MW-23S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881122	Well Depth:	14
Well Depth Units:	ft	Well Hole Depth:	16
Well Hole Depth Units:	ft		

P64
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814219

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210518-- MW-13Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920612	Well Depth:	63
Well Depth Units:	ft	Well Hole Depth:	63
Well Hole Depth Units:	ft		

Q65
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814197

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210542-- MW-45Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970317	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	210
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

66
East
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000342116

Database:	Water Well Permit Information	Permit #:	2700002349
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19570306
Capacity:	Not Reported	Depth:	100

P67
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814212

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210549-- MW-36S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19940325	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	13
Well Hole Depth Units:	ft		

P68
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814200

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210543-- MW-46Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970401	Well Depth:	221
Well Depth Units:	ft	Well Hole Depth:	221
Well Hole Depth Units:	ft		

Q69
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814201

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210492-- MW-1S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881114	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

Q70
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814196**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210515-- MW-8Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920603	Well Depth:	57
Well Depth Units:	ft	Well Hole Depth:	57
Well Hole Depth Units:	ft		

R71
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814189**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210626-- MW-62Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20030925	Well Depth:	167
Well Depth Units:	ft	Well Hole Depth:	167
Well Hole Depth Units:	ft		

Q72
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814187**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210417-- MW-29Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930818	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: ft

S73
WSW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000332558

Database:	Water Well Permit Information	Permit #:	2700002560
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19570926
Capacity:	Not Reported	Depth:	95

S74
WSW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000331653

Database:	Water Well Permit Information	Permit #:	2700001317
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19530110
Capacity:	Not Reported	Depth:	90

S75
WSW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000341987

Database:	Water Well Permit Information	Permit #:	2700002560
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19570906
Capacity:	Not Reported	Depth:	60

S76
WSW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000340087

Database:	Water Well Permit Information	Permit #:	2700001317
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19540728
Capacity:	Not Reported	Depth:	100

R77
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814165

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210625-- MW-66Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20030930	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	100
Well Hole Depth Units:	ft		

Q78
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814188**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210627-- MW-61Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20030912	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	100
Well Hole Depth Units:	ft		

T79
SW
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000332334**

Database:	Water Well Permit Information	Permit #:	2700003137
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19590817
Capacity:	Not Reported	Depth:	90

T80
SW
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000341664**

Database:	Water Well Permit Information	Permit #:	2700003137
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19590813
Capacity:	Not Reported	Depth:	150

U81
NW
1/2 - 1 Mile
Lower

NJ WELLS **NJDEP1000328282**

Database:	Water Well Permit Information	Permit #:	2700014409
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19970922
Capacity:	Not Reported	Depth:	300

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

U82
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000328283

Database:	Water Well Permit Information	Permit #:	2700014409
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Record	Date Completed:	19980515234245
Capacity:	Not Reported	Depth:	300

P83
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814211

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210547-- MW-44Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970115	Well Depth:	330
Well Depth Units:	ft	Well Hole Depth:	330
Well Hole Depth Units:	ft		

P84
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814210

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210546-- MW-43Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970127	Well Depth:	410
Well Depth Units:	ft	Well Hole Depth:	410
Well Hole Depth Units:	ft		

P85
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814199

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210501-- MW-16S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881123	Well Depth:	12
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

P86
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814192

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210600-- MW-38S Blue	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19940408	Well Depth:	7
Well Depth Units:	ft	Well Hole Depth:	7
Well Hole Depth Units:	ft		

Q87
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814163

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210440-- MW-36BR-Zone A	Type:	Well
Description:	Installed 2 packers to create zone A and B		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070629	Well Depth:	111.57
Well Depth Units:	ft	Well Hole Depth:	125
Well Hole Depth Units:	ft		

Q88
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814164

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210440-- MW-36BR-Zone B	Type:	Well
Description:	Installed 2 packers to create zone A and B		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070629	Well Depth:	111.57
Well Depth Units:	ft	Well Hole Depth:	125
Well Hole Depth Units:	ft		

R89
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814142**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210578-- MW-58Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	20000424	Well Depth:	110
Well Depth Units:	ft	Well Hole Depth:	144
Well Hole Depth Units:	ft		

Q90
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814162**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210440-- MW-36Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930726	Well Depth:	125
Well Depth Units:	ft	Well Hole Depth:	125
Well Hole Depth Units:	ft		

Q91
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000814155**

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210721-- MW-81BR		
Type:	Well: Test hole not completed as a well		
Description:	Core hole sealed	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20100728	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	134

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: ft

V92
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814217

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210519-- MW-14Br Obs	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920602	Well Depth:	67
Well Depth Units:	ft	Well Hole Depth:	67
Well Hole Depth Units:	ft		

W93
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814179

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210442-- MW-38Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930729	Well Depth:	115
Well Depth Units:	ft	Well Hole Depth:	115
Well Hole Depth Units:	ft		

R94
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814119

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210418-- MW-32S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931021	Well Depth:	15
Well Depth Units:	ft	Well Hole Depth:	16
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q95
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814148

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210579-- MW-56Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	20000114	Well Depth:	165
Well Depth Units:	ft	Well Hole Depth:	195
Well Hole Depth Units:	ft		

R96
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814141

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210437-- MW-33Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931026	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

X97
ENE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332481

Database:	Water Well Permit Information	Permit #:	2700002813
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19580617
Capacity:	Not Reported	Depth:	115

X98
ENE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000321414

Database:	Water Well Permit Information	Permit #:	2700004067
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19630607
Capacity:	Not Reported	Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X99
ENE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341855

Database:	Water Well Permit Information	Permit #:	2700002813
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19580516
Capacity:	Not Reported	Depth:	100

X100
ENE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333058

Database:	Water Well Permit Information	Permit #:	2700004067
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19630612
Capacity:	Not Reported	Depth:	70

Q101
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814136

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210698-- MW 70BR	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070531	Well Depth:	75
Well Depth Units:	ft	Well Hole Depth:	110
Well Hole Depth Units:	ft		

Q102
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814137

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210698-- MW70BR-10	Type:	Well
Description:	Packer string installed for continuous WL - 2zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20070531	Well Depth:	16
Well Depth Units:	ft	Well Hole Depth:	110
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q103
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814138

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210698-- MW70BR-72	Type:	Well
Description:	Packer string installed for continuous WL -2zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070531	Well Depth:	73.5
Well Depth Units:	ft	Well Hole Depth:	110
Well Hole Depth Units:	ft		

Q104
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814150

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210719-- MW-80BR-Zone A	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20100817	Well Depth:	128.4
Well Depth Units:	ft	Well Hole Depth:	128.4
Well Hole Depth Units:	ft		

Q105
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814149

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210719-- MW-80BR	Type:	Well
Description:	Well will be outfitted with straddle packers		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20100709	Well Depth:	128.4
Well Depth Units:	ft	Well Hole Depth:	128.4
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q106
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814154

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210720-- MW-82BR		
Type:	Well: Test hole not completed as a well		
Description:	Core hole sealed	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20100726	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	109
Well Hole Depth Units:	ft		

Q107
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814153

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210719-- MW-80BR-Zone D	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20100817	Well Depth:	128.4
Well Depth Units:	ft	Well Hole Depth:	128.4
Well Hole Depth Units:	ft		

Q108
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814151

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210719-- MW-80BR-Zone B	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20100817	Well Depth:	128.4
Well Depth Units:	ft	Well Hole Depth:	128.4
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q109
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814152

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210719-- MW-80BR-Zone C	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20100817	Well Depth:	128.4
Well Depth Units:	ft	Well Hole Depth:	128.4
Well Hole Depth Units:	ft		

R110
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814121

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210577-- MW-57Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	20000421	Well Depth:	27
Well Depth Units:	ft	Well Hole Depth:	27
Well Hole Depth Units:	ft		

W111
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814184

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone F	Type:	Well
Description:	Packer string installed for continuous WLs-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20050509	Well Depth:	170.4
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W112
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814185

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone C	Type:	Well
Description:	Packer string installed for continuous WLS-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20050509	Well Depth:	88.6
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

W113
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814186

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone E	Type:	Well
Description:	Packer string installed for continuous WLS-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20050509	Well Depth:	147.6
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

W114
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814183

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone D	Type:	Well
Description:	Packer string installed for continuous WLS-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20050509	Well Depth:	100.1
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W115
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814180

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW 68Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20050509	Well Depth:	174.5
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

W116
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814181

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone A	Type:	Well
Description:	Packer string installed for continuous WLS-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20050509	Well Depth:	53.5
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

W117
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814182

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210660-- MW68BR-Zone B	Type:	Well
Description:	Packer string installed for continuous WLS-6 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20050509	Well Depth:	62.4
Well Depth Units:	ft	Well Hole Depth:	174.5
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q118
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814156

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW 71BR	Type:	Well
Description:	Toxics project well with inflated packers in hole		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20070607	Well Depth:	114
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Q119
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814158

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW71BR-Zone B	Type:	Well
Description:	Packer string installed for continuous WLs--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070607	Well Depth:	59.5
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Q120
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814157

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW71BR-Zone A	Type:	Well
Description:	Pakcer string installed for continuous WL--5 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20070607	Well Depth:	50.2
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q121
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814159

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW71BR-Zone C	Type:	Well
Description:	Packer string installed for continuous WLS-5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070607	Well Depth:	70.9
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Q122
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814160

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW71BR-Zone D	Type:	Well
Description:	Packer string installed for continuous WLS--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070607	Well Depth:	81.8
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Q123
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814161

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210697-- MW71BR-Zone E	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070607	Well Depth:	114
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R124
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814122

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210573-- MW-59Br	Type:	Well
Description:	WELL IS OUTFITTED WITH WATER LOG TRANSDUCER		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20000504	Well Depth:	80
Well Depth Units:	ft	Well Hole Depth:	80
Well Hole Depth Units:	ft		

R125
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814120

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210533-- MW-40Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19961121	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	120
Well Hole Depth Units:	ft		

W126
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814177

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210537-- MW-Brp-01	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881216	Well Depth:	60
Well Depth Units:	ft	Well Hole Depth:	60
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R127
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814140

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210624-- MW-60Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20030915	Well Depth:	85
Well Depth Units:	ft	Well Hole Depth:	85
Well Hole Depth Units:	ft		

W128
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814195

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210541-- MW-41Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19961202	Well Depth:	110
Well Depth Units:	ft	Well Hole Depth:	110
Well Hole Depth Units:	ft		

Q129
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814139

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210423-- MW-Brp-3	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930823	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W130
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814178

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210538-- MW-47Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970422	Well Depth:	18
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

Q131
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814134

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210430-- MW-25Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930727	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	100
Well Hole Depth Units:	ft		

Q132
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814135

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210520-- MW-15Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920611	Well Depth:	41
Well Depth Units:	ft	Well Hole Depth:	41
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W133
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814176

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210521-- MW-16Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920603	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	65
Well Hole Depth Units:	ft		

Y134
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814130

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW73BR-Zone BC	Type:	Well
Description:	Packer string installed for continuous WLS--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070611	Well Depth:	55.7
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Y135
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814129

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW73BR-Zone A	Type:	Well
Description:	Packer string installed for continuous WLS--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20070611	Well Depth:	25
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y136
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814128

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW 73BR	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20070608	Well Depth:	114
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Y137
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814131

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW73BR-Zone D1	Type:	Well
Description:	Packer string installed for continuous WLS-5 zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070611	Well Depth:	83.2
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

Y138
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814133

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW73BR-Zone E	Type:	Well
Description:	Packer string installed for continuous WLS--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070611	Well Depth:	114
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y139
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814132

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210696-- MW73BR-Zone D2	Type:	Well
Description:	Packer string installed for continuous WLs--5zones		
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lockatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	20070611	Well Depth:	91.4
Well Depth Units:	ft	Well Hole Depth:	114
Well Hole Depth Units:	ft		

W140
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814175

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210502-- MW-17S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881121	Well Depth:	8
Well Depth Units:	ft	Well Hole Depth:	10
Well Hole Depth Units:	ft		

W141
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814194

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210581-- MW-53Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19991012	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	120
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V142
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814216

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210517-- MW-12Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920515	Well Depth:	71.5
Well Depth Units:	ft	Well Hole Depth:	71.5
Well Hole Depth Units:	ft		

W143
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814147

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210434-- MW-30Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930728	Well Depth:	110
Well Depth Units:	ft	Well Hole Depth:	110
Well Hole Depth Units:	ft		

W144
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814146

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210522-- MW-17Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920609	Well Depth:	44
Well Depth Units:	ft	Well Hole Depth:	44
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Z145
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000326278

Database:	Water Well Permit Information	Permit #:	2700008202
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19851023
Capacity:	Not Reported	Depth:	250

Z146
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000334045

Database:	Water Well Permit Information	Permit #:	2700008202
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19880515
Capacity:	Not Reported	Depth:	500

R147
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814118

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210623-- MW-64Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	20030916	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	40
Well Hole Depth Units:	ft		

Y148
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814116

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210532-- MW-40S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19940324	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y149
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814115

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210531-- MW-41S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19940324	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

Y150
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814107

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210494-- MW-4S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881116	Well Depth:	7
Well Depth Units:	ft	Well Hole Depth:	8
Well Hole Depth Units:	ft		

Y151
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814117

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210602-- MW-West Ditch	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	1997	Well Depth:	10.3
Well Depth Units:	ft	Well Hole Depth:	11
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W152
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814114

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210514-- MW-7Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920612	Well Depth:	53
Well Depth Units:	ft	Well Hole Depth:	53
Well Hole Depth Units:	ft		

V153
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814206

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210510-- MW-27S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19901002	Well Depth:	21.2
Well Depth Units:	ft	Well Hole Depth:	22
Well Hole Depth Units:	ft		

W154
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814113

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210429-- MW-24Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930804	Well Depth:	95
Well Depth Units:	ft	Well Hole Depth:	95
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y155
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814108

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210525-- MW-20Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920602	Well Depth:	43
Well Depth Units:	ft	Well Hole Depth:	43
Well Hole Depth Units:	ft		

Y156
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814105

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210422-- MW-Brp-2	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930721	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

V157
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814205

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210496-- MW-11S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881107	Well Depth:	23
Well Depth Units:	ft	Well Hole Depth:	24
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y158
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814106

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210431-- MW-26Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930722	Well Depth:	95
Well Depth Units:	ft	Well Hole Depth:	95
Well Hole Depth Units:	ft		

W159
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814112

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210530-- MW-4Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19920602	Well Depth:	39
Well Depth Units:	ft	Well Hole Depth:	39
Well Hole Depth Units:	ft		

W160
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814111

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210428-- MW-23Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19920527	Well Depth:	90
Well Depth Units:	ft	Well Hole Depth:	90
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AA161
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814214

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210427-- MW-11Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19920424	Well Depth:	75
Well Depth Units:	ft	Well Hole Depth:	75.5
Well Hole Depth Units:	ft		

V162
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814209

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210548-- MW-51Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970422	Well Depth:	96
Well Depth Units:	ft	Well Hole Depth:	96
Well Hole Depth Units:	ft		

AA163
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814215

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210499-- MW-14S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881103	Well Depth:	24.5
Well Depth Units:	ft	Well Hole Depth:	25
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y164
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814104

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210424-- MW-5Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19920507	Well Depth:	84
Well Depth Units:	ft	Well Hole Depth:	84
Well Hole Depth Units:	ft		

V165
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814208

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210498-- MW-13S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881104	Well Depth:	20
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

V166
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814203

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210497-- MW-12S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19881028	Well Depth:	20.5
Well Depth Units:	ft	Well Hole Depth:	24
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V167

SE

1/2 - 1 Mile

Lower

FED USGS

USGS40000814204

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210545-- MW-2Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19901004	Well Depth:	60
Well Depth Units:	ft	Well Hole Depth:	60
Well Hole Depth Units:	ft		

AB168

SE

1/2 - 1 Mile

Lower

FED USGS

USGS40000814174

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210536-- MW-49Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970502	Well Depth:	60
Well Depth Units:	ft	Well Hole Depth:	60
Well Hole Depth Units:	ft		

AB169

SE

1/2 - 1 Mile

Lower

FED USGS

USGS40000814193

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210540-- MW-48Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970423	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	100
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB170
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814126

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210534-- MW-39Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19961118	Well Depth:	88
Well Depth Units:	ft	Well Hole Depth:	88
Well Hole Depth Units:	ft		

AB171
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814127

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210551-- MW-42Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19961217	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	140
Well Hole Depth Units:	ft		

AC172
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814198

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210511-- MW-28S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19901008	Well Depth:	25
Well Depth Units:	ft	Well Hole Depth:	25
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AD173
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814091

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210438-- MW-34Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931011	Well Depth:	48
Well Depth Units:	ft	Well Hole Depth:	48
Well Hole Depth Units:	ft		

Y174
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814098

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210495-- MW-6S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19881116	Well Depth:	10
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

Y175
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814103

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210621-- MW-63Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	20030917	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	40
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y176
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814101

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210622-- MW-65Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	20030917	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	40
Well Hole Depth Units:	ft		

Y177
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814102

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210529-- MW-39S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19940321	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

AB178
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814173

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210601-- MW-31S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19901008	Well Depth:	20
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB179
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814172

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210435-- MW-31Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930813	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	46
Well Hole Depth Units:	ft		

Y180
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814097

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210432-- MW-27Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930720	Well Depth:	80
Well Depth Units:	ft	Well Hole Depth:	80
Well Hole Depth Units:	ft		

AB181
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814191

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210539-- MW-42S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19940324	Well Depth:	13.6
Well Depth Units:	ft	Well Hole Depth:	14
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB182
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814171

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210513-- MW-30S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19901003	Well Depth:	17.5
Well Depth Units:	ft	Well Hole Depth:	17.5
Well Hole Depth Units:	ft		

AE183
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814095

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210576-- MW-52Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19990914	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

AB184
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814169

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210512-- MW-29S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19901003	Well Depth:	20
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AE185
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814096

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210527-- MW-22Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19920603	Well Depth:	49
Well Depth Units:	ft	Well Hole Depth:	49
Well Hole Depth Units:	ft		

AF186
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332607

Database:	Water Well Permit Information	Permit #:	2700002456
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19570703
Capacity:	Not Reported	Depth:	71

AF187
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000331633

Database:	Water Well Permit Information	Permit #:	2700001350
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19540920
Capacity:	Not Reported	Depth:	65

AF188
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340060

Database:	Water Well Permit Information	Permit #:	2700001350
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19540819
Capacity:	Not Reported	Depth:	65

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AF189
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000342057

Database:	Water Well Permit Information	Permit #:	2700002456
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19570619
Capacity:	Not Reported	Depth:	65

AF190
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341771

Database:	Water Well Permit Information	Permit #:	2700002956
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19581020
Capacity:	Not Reported	Depth:	100

AA191
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814202

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210544-- MW-50Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Lockatong Formation	Aquifer Type:	Not Reported
Construction Date:	19970508	Well Depth:	80
Well Depth Units:	ft	Well Hole Depth:	80
Well Hole Depth Units:	ft		

AB192
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814170

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210535-- MW-3Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19901004	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AE193
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814094

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210433-- MW-28Br Obs	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19930816	Well Depth:	91
Well Depth Units:	ft	Well Hole Depth:	91
Well Hole Depth Units:	ft		

AB194
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814145

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210575-- MW-54Br Core2 Obs		
Type:	Well	Description:	Not Reported
HUC:	02040105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Early Mesozoic basin aquifers
Formation Type:	Lokatong Formation	Aquifer Type:	Confined single aquifer
Construction Date:	19991017	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

AB195
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814168

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210580-- 12-MW-1	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	20000128	Well Depth:	15
Well Depth Units:	ft	Well Hole Depth:	15
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

196
SW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000322123

Database:	Water Well Permit Information	Permit #:	2700004756
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19660809
Capacity:	Not Reported	Depth:	200

AG197
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332883

Database:	Water Well Permit Information	Permit #:	2700003328
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19600403
Capacity:	Not Reported	Depth:	70

AG198
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332298

Database:	Water Well Permit Information	Permit #:	2700003212
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19591202
Capacity:	Not Reported	Depth:	121

AG199
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000342757

Database:	Water Well Permit Information	Permit #:	2700003328
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19600419
Capacity:	Not Reported	Depth:	100

AG200
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341611

Database:	Water Well Permit Information	Permit #:	2700003212
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19591106
Capacity:	Not Reported	Depth:	120

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AH201
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332006

Database:	Water Well Permit Information	Permit #:	2700000531
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19520603
Capacity:	Not Reported	Depth:	80

AH202
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332194

Database:	Water Well Permit Information	Permit #:	2700002128
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19560723
Capacity:	Not Reported	Depth:	80

AH203
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000331591

Database:	Water Well Permit Information	Permit #:	2700001443
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19541209
Capacity:	Not Reported	Depth:	80

AH204
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000331775

Database:	Water Well Permit Information	Permit #:	2700001048
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19531109
Capacity:	Not Reported	Depth:	82

AH205
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340576

Database:	Water Well Permit Information	Permit #:	2700000531
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19520529
Capacity:	Not Reported	Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AH206
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341333

Database:	Water Well Permit Information	Permit #:	2700002128
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19560718
Capacity:	Not Reported	Depth:	100

AH207
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340014

Database:	Water Well Permit Information	Permit #:	2700001443
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19541105
Capacity:	Not Reported	Depth:	100

AH208
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340252

Database:	Water Well Permit Information	Permit #:	2700001048
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19531023
Capacity:	Not Reported	Depth:	100

AC209
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814167

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210421-- MW-35S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931020	Well Depth:	15
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB210
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814125

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210570-- 11-MW-1	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19971107	Well Depth:	22
Well Depth Units:	ft	Well Hole Depth:	22
Well Hole Depth Units:	ft		

AC211
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814166

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210436-- MW-32Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931025	Well Depth:	55
Well Depth Units:	ft	Well Hole Depth:	55
Well Hole Depth Units:	ft		

AD212
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332324

Database:	Water Well Permit Information	Permit #:	2700003158
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19591211
Capacity:	Not Reported	Depth:	156

AD213
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332372

Database:	Water Well Permit Information	Permit #:	2700003034
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19590408
Capacity:	Not Reported	Depth:	60

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AD214
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000327384

Database:	Water Well Permit Information	Permit #:	2700011348
Well Use:	Public Non-Community	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19910514
Capacity:	Not Reported	Depth:	200

AD215
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330916

Database:	Water Well Permit Information	Permit #:	2700000185
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19500830
Capacity:	Not Reported	Depth:	145

AD216
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000338228

Database:	Water Well Permit Information	Permit #:	2700003158
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20110324
Capacity:	Not Reported	Depth:	156

AD217
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341648

Database:	Water Well Permit Information	Permit #:	2700003158
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19590908
Capacity:	Not Reported	Depth:	150

AD218
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341722

Database:	Water Well Permit Information	Permit #:	2700003034
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19590407
Capacity:	Not Reported	Depth:	60

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AD219
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000338970

Database:	Water Well Permit Information	Permit #:	2700011348
Well Use:	Public Non-Community	May be Potable:	Yes
Request Type:	Record	Date Completed:	19910518
Capacity:	Not Reported	Depth:	140

AD220
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340788

Database:	Water Well Permit Information	Permit #:	2700000185
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19500830
Capacity:	Not Reported	Depth:	130

AI221
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330856

Database:	Water Well Permit Information	Permit #:	2700000290
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19510810
Capacity:	Not Reported	Depth:	85

AI222
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000322261

Database:	Water Well Permit Information	Permit #:	2700004455
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19650305
Capacity:	Not Reported	Depth:	150

AI223
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340718

Database:	Water Well Permit Information	Permit #:	2700000290
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510806
Capacity:	Not Reported	Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AI224
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333473

Database:	Water Well Permit Information	Permit #:	2700004455
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19650401
Capacity:	Not Reported	Depth:	150

AJ225
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814100

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210528-- MW-37S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Not Reported
Construction Date:	19940321	Well Depth:	16
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

AK226
NE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000332218

Database:	Water Well Permit Information	Permit #:	2700002077
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19560615
Capacity:	Not Reported	Depth:	220

AK227
NE
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000341364

Database:	Water Well Permit Information	Permit #:	2700002077
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19560601
Capacity:	Not Reported	Depth:	150

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AL228
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000325736

Database:	Water Well Permit Information	Permit #:	HAND DUG
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20170515
Capacity:	Not Reported	Depth:	Not Reported

AM229
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000321550

Database:	Water Well Permit Information	Permit #:	2700003869
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19620611
Capacity:	Not Reported	Depth:	125

AM230
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333156

Database:	Water Well Permit Information	Permit #:	2700003869
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19620710
Capacity:	Not Reported	Depth:	151

AJ231
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814090

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210425-- MW-6Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19920507	Well Depth:	77
Well Depth Units:	ft	Well Hole Depth:	77
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AN232
NNE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000323955

Database:	Water Well Permit Information	Permit #:	2700006612
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19781212
Capacity:	Not Reported	Depth:	200

AN233
NNE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000329416

Database:	Water Well Permit Information	Permit #:	2700006612
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19790201
Capacity:	Not Reported	Depth:	200

AJ234
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814089

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210420-- MW-34S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930811	Well Depth:	18
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

AO235
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814088

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210439-- MW-35Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931006	Well Depth:	47
Well Depth Units:	ft	Well Hole Depth:	48.17
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AO236
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000814087

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210419-- MW-33S	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19931021	Well Depth:	16
Well Depth Units:	ft	Well Hole Depth:	16
Well Hole Depth Units:	ft		

AL237
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000325036

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	19920506
Capacity:	Not Reported	Depth:	Not Reported

AJ238
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000814099

Organization ID:	USGS-NJ		
Organization Name:	USGS New Jersey Water Science Center		
Monitor Location:	210441-- MW-37Br	Type:	Well
Description:	Not Reported	HUC:	02040105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Early Mesozoic basin aquifers		
Formation Type:	Stockton Formation	Aquifer Type:	Unconfined single aquifer
Construction Date:	19930810	Well Depth:	75
Well Depth Units:	ft	Well Hole Depth:	75
Well Hole Depth Units:	ft		

AP239
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332104

Database:	Water Well Permit Information	Permit #:	2700002287
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19560104
Capacity:	Not Reported	Depth:	80

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AP240
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332234

Database:	Water Well Permit Information	Permit #:	2700002045
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19560519
Capacity:	Not Reported	Depth:	95

AP241
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000331560

Database:	Water Well Permit Information	Permit #:	2700002751
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19580307
Capacity:	Not Reported	Depth:	95

AP242
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000322799

Database:	Water Well Permit Information	Permit #:	2700005598
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19720815
Capacity:	Not Reported	Depth:	100

AP243
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000327843

Database:	Water Well Permit Information	Permit #:	4700013347
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19950509
Capacity:	Not Reported	Depth:	125

AP244
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332385

Database:	Water Well Permit Information	Permit #:	2700003006
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19590211
Capacity:	Not Reported	Depth:	90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AP245
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341381

Database:	Water Well Permit Information	Permit #:	2700002045
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19560503
Capacity:	Not Reported	Depth:	100

AP246
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341739

Database:	Water Well Permit Information	Permit #:	2700003006
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19590129
Capacity:	Not Reported	Depth:	80

AP247
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341225

Database:	Water Well Permit Information	Permit #:	2700002287
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19561220
Capacity:	Not Reported	Depth:	100

AP248
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333496

Database:	Water Well Permit Information	Permit #:	2700005598
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19720814
Capacity:	Not Reported	Depth:	78

AP249
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000339982

Database:	Water Well Permit Information	Permit #:	2700002751
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19530312
Capacity:	Not Reported	Depth:	86

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AQ250
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332535

Database:	Water Well Permit Information	Permit #:	2700002633
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19571101
Capacity:	Not Reported	Depth:	80

AQ251
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000341945

Database:	Water Well Permit Information	Permit #:	2700002633
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19571028
Capacity:	Not Reported	Depth:	80

AR252
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000328281

Database:	Water Well Permit Information	Permit #:	2700014410
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Record	Date Completed:	19980515234248
Capacity:	Not Reported	Depth:	300

AR253
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000328280

Database:	Water Well Permit Information	Permit #:	2700014410
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19970922
Capacity:	Not Reported	Depth:	300

AR254
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000328284

Database:	Water Well Permit Information	Permit #:	2700014408
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19970922
Capacity:	Not Reported	Depth:	300

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AR255
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330646

Database:	Water Well Permit Information	Permit #:	2700014410
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	19980515
Capacity:	Not Reported	Depth:	300

AR256
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000328285

Database:	Water Well Permit Information	Permit #:	2700014408
Well Use:	Irrigation	May be Potable:	Yes
Request Type:	Record	Date Completed:	19980516234239
Capacity:	Not Reported	Depth:	300

257
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000325073

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	19930428
Capacity:	Not Reported	Depth:	Not Reported

AS258
NNE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000322079

Database:	Water Well Permit Information	Permit #:	2700004835
Well Use:	Industrial	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19670302
Capacity:	Not Reported	Depth:	250

AS259
NNE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333339

Database:	Water Well Permit Information	Permit #:	2700004835
Well Use:	Industrial	May be Potable:	Yes
Request Type:	Record	Date Completed:	19670412
Capacity:	Not Reported	Depth:	250

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AT260
West
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000331451

Database:	Water Well Permit Information	Permit #:	2700001775
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19550722
Capacity:	Not Reported	Depth:	80

AT261
West
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000339614

Database:	Water Well Permit Information	Permit #:	2700001775
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19550718
Capacity:	Not Reported	Depth:	80

AU262
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000339589

Database:	Water Well Permit Information	Permit #:	2700001820
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19550815
Capacity:	Not Reported	Depth:	90

263
North
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000338977

Database:	Water Well Permit Information	Permit #:	2700011198
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19910319
Capacity:	Not Reported	Depth:	650

AV264
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000325412

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20091231
Capacity:	Not Reported	Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

265
North
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000330888

Database:	Water Well Permit Information	Permit #:	2700000245
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19510710
Capacity:	Not Reported	Depth:	130

266
WSW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000322124

Database:	Water Well Permit Information	Permit #:	2700004755
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19660809
Capacity:	Not Reported	Depth:	200

AU267
South
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000324710

Database:	Water Well Permit Information	Permit #:	A1409025
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20140916
Capacity:	Not Reported	Depth:	Not Reported

AW268
WNW
1/2 - 1 Mile
Higher

NJ WELLS NJDEP1000331331

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20050729
Capacity:	Not Reported	Depth:	Not Reported

AX269
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000326715

Database:	Water Well Permit Information	Permit #:	2700008735
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19861020
Capacity:	Not Reported	Depth:	200

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AX270
NNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000334329

Database:	Water Well Permit Information	Permit #:	2700008735
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19870802
Capacity:	Not Reported	Depth:	350

271
South
1/2 - 1 Mile
Lower

FRDS PWS NJ1114200

Epa region:	02	State:	NJ
Pwsid:	NJ1114200	Pwsname:	MARIE KATZENBACH SCHOOL OF DEA
Cityserved:	Not Reported	Stateserved:	NJ
Ziperved:	Not Reported	Fipscounty:	11
Status:	Closed	Retpopsrvd:	550
Pwssvconn:	0	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Local_Govt
Contact:	MARIE KATZENBACH SCHOOL OF DEA		
Contactorgname:	Not Reported	Contactphone:	609-883-2600
Contactaddress1:	Not Reported	Contactaddress2:	SULLIVAN WAY
Contactcity:	WEST TRENTON	Contactstate:	NJ
Contactzip:	08610	Pwsactivitycode:	I
Pwsid:	NJ1114200	Facid:	1T
Facname:	ELL	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	chlorination (frds-1.5)	Factypecode:	TP
PWS ID:	NJ1114200	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	NJ1114200
Activity status:	Active	Date system activated:	7209
Date system deactivated:	Not Reported	Retail population:	00000550
System name:	MARIE KATZENBACH SCHOOL OF DEA		
System address:	Not Reported	System address:	SULLIVAN WAY
System city:	WEST TRENTON	System state:	NJ
System zip:	08610		
Population served:	501 - 1,000 Persons	Treatment:	Treated
Latitude:	401550	Longitude:	0744908

AY272
SW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330884

Database:	Water Well Permit Information	Permit #:	2700000252
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19510814
Capacity:	Not Reported	Depth:	25

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AY273
SW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340750

Database:	Water Well Permit Information	Permit #:	2700000252
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510716
Capacity:	Not Reported	Depth:	80

AV274
SSW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000325416

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	20120130
Capacity:	Not Reported	Depth:	Not Reported

AZ275
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000326760

Database:	Water Well Permit Information	Permit #:	2700008550
Well Use:	Public Non-Community	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19860716
Capacity:	Not Reported	Depth:	100

AZ276
SSE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000334369

Database:	Water Well Permit Information	Permit #:	2700008550
Well Use:	Public Non-Community	May be Potable:	Yes
Request Type:	Record	Date Completed:	19860901
Capacity:	Not Reported	Depth:	95

277
ESE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000338169

Database:	Water Well Permit Information	Permit #:	Not Reported
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Decommissioning	Date Completed:	19920629
Capacity:	Not Reported	Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AW278
WNW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333154

Database:	Water Well Permit Information	Permit #:	2700003871
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19620625
Capacity:	Not Reported	Depth:	85

BA279
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000332099

Database:	Water Well Permit Information	Permit #:	2700000268
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19510715
Capacity:	Not Reported	Depth:	85

BA280
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330874

Database:	Water Well Permit Information	Permit #:	2700000269
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19520714
Capacity:	Not Reported	Depth:	78

BA281
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330873

Database:	Water Well Permit Information	Permit #:	2700000270
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19521120
Capacity:	Not Reported	Depth:	72

BA282
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340738

Database:	Water Well Permit Information	Permit #:	2700000268
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510719
Capacity:	Not Reported	Depth:	90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

BA283
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340737

Database:	Water Well Permit Information	Permit #:	2700000269
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510719
Capacity:	Not Reported	Depth:	90

BA284
SE
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340736

Database:	Water Well Permit Information	Permit #:	2700000270
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510719
Capacity:	Not Reported	Depth:	90

BB285
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000321500

Database:	Water Well Permit Information	Permit #:	2700003953
Well Use:	Public Non-Community	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19620925
Capacity:	Not Reported	Depth:	150

BB286
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000322918

Database:	Water Well Permit Information	Permit #:	2700005266
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19700727
Capacity:	Not Reported	Depth:	Not Reported

BB287
NW
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000333583

Database:	Water Well Permit Information	Permit #:	2700005266
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19700827
Capacity:	Not Reported	Depth:	570

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

BC288

East
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000330871

Database:	Water Well Permit Information	Permit #:	2700000273
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Record	Date Completed:	19510821
Capacity:	Not Reported	Depth:	88

BC289

East
1/2 - 1 Mile
Lower

NJ WELLS NJDEP1000340734

Database:	Water Well Permit Information	Permit #:	2700000273
Well Use:	Domestic	May be Potable:	Yes
Request Type:	Permit	Date Completed:	19510719
Capacity:	Not Reported	Depth:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: NJ Radon

Radon Test Results

City	Num Tests	# > 4 pCi/L	% > pCi/L
EAST WINDSOR TWP	2236	114	5.000
EWING TWP	1905	573	30.000
HAMILTON TWP	5098	287	6.000
HIGHTSTOWN BORO	704	50	7.000
HOPEWELL BORO	991	351	35.000
HOPEWELL TWP	727	249	34.000
LAWRENCE TWP	4997	1458	29.000
PENNINGTON BORO	1643	525	32.000
PRINCETON BORO	5238	1979	38.000
PRINCETON TWP	1334	514	39.000
TRENTON CITY	3495	526	15.000
WASHINGTON TWP	1112	153	14.000
WEST WINDSOR TWP	3123	457	15.000

Federal EPA Radon Zone for MERCER County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MERCER COUNTY, NJ

Number of sites tested: 1022

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.320 pCi/L	88%	10%	2%
Basement	2.880 pCi/L	67%	26%	7%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 609-984-2243

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New Jersey Public-Community Water-Supply Wells

Source: Department of Environmental Protection, Geological Survey

Telephone: 609-984-6587

New Jersey Ambient Ground Water Quality Network Data

Source: Department of Environmental Quality

Telephone: 609-984-6587

Ambient Groundwater Quality of the New Jersey Part of the Newark Basin. Natural groundwater quality in the Newark Basin summarize natural groundwater quality in sedimentary bedrock formations of the Newark basin part of the Piedmont physiographic province of New Jersey.

STORET Water Quality Monitoring Stations

Source: Department of Environmental Protection

Telephone: 609-984-6831

STORET maintains the locations of water quality monitoring stations from NJDEP's NJ STORET (Modernized) database.

A station is a location at which a data collection event takes place, such a collection of a field sample, measurement of field parameters or evaluation of environmental habitats.

Water Well Permit Information

Source: Department of Environmental Protection

Telephone: 609-984-6831

Permits to drill wells. Once constructed, the driller must submit a well record document with the as-built description of the well. Drillers also submit a well abandonment report whenever a well has been decommissioned.

OTHER STATE DATABASE INFORMATION

RADON

State Database: NJ Radon

Source: Department of Environmental Protection

Telephone: 609-984-5425

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix B

March 4, 1975 Mercer County
Airport – New Terminal Building
Plans

mercercountyairstort new terminal facilities

new terminal building

march 4, 1975

mercercounty, new jersey

for the

mercercounty board of chosen freeholders

freeholder albert e. driver jr., chairman of planning and economic development

architects

j. robert hillier, architects/planners, p. a.

791 alexander road, princeton, n. j.

engineers

structural:

joseph callaghan, engineers

1701 arch st., philadelphia, penna.

mechanical/electrical:

louis goldberg & associates, engineers

10 stelton road, piscataway, n.j.

A-1 building, site plan, architectural plan
A-2 building elevations
A-3 building cross-sections
A-4 wall sections + details
A-5 wall sections, details, schedules + details
A-6 enlarged architectural plans, sections, details

S-1 concourse level, lower level + foundation plan
S-2 upper level framing plan
S-3 roof framing plan

P-1 plumbing floor plan
P-2 plumbing riser diagram + details
H-1 hvac floor plan
H-2 hvac details
H-3 hvac schedule + flow diagram
E-1 electrical single line diagram + symbol schedule
E-2 electrical lighting plan
E-3 electrical power + signal plan
E-4 electrical schedule + details

approved:
director of aeronautics
new jersey department of transportation

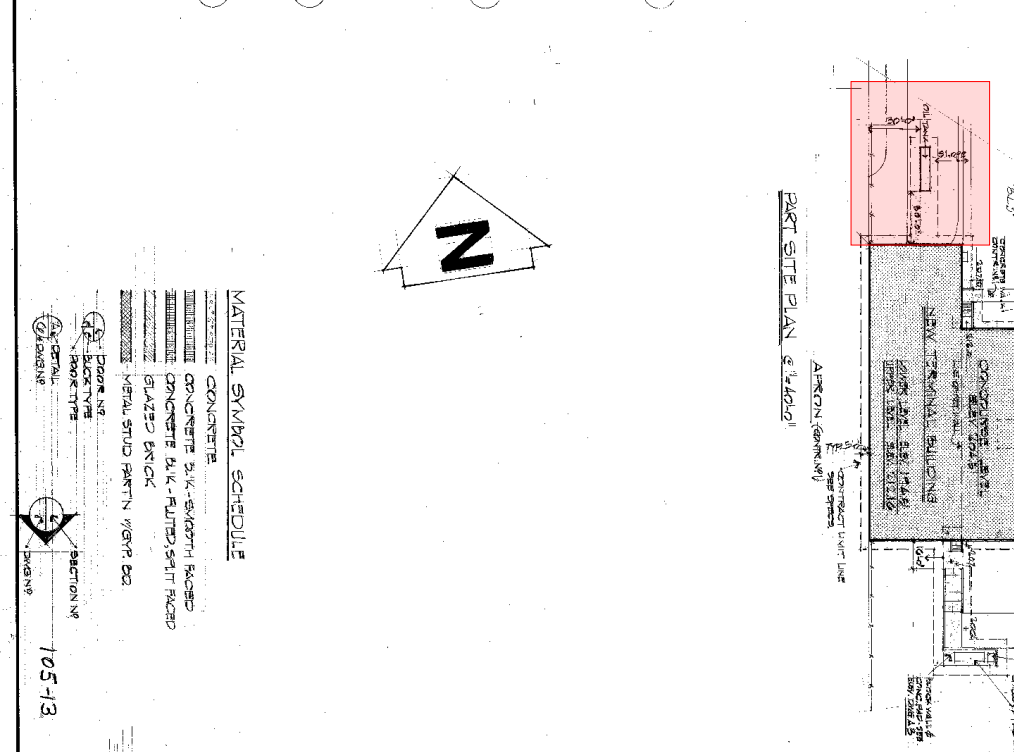
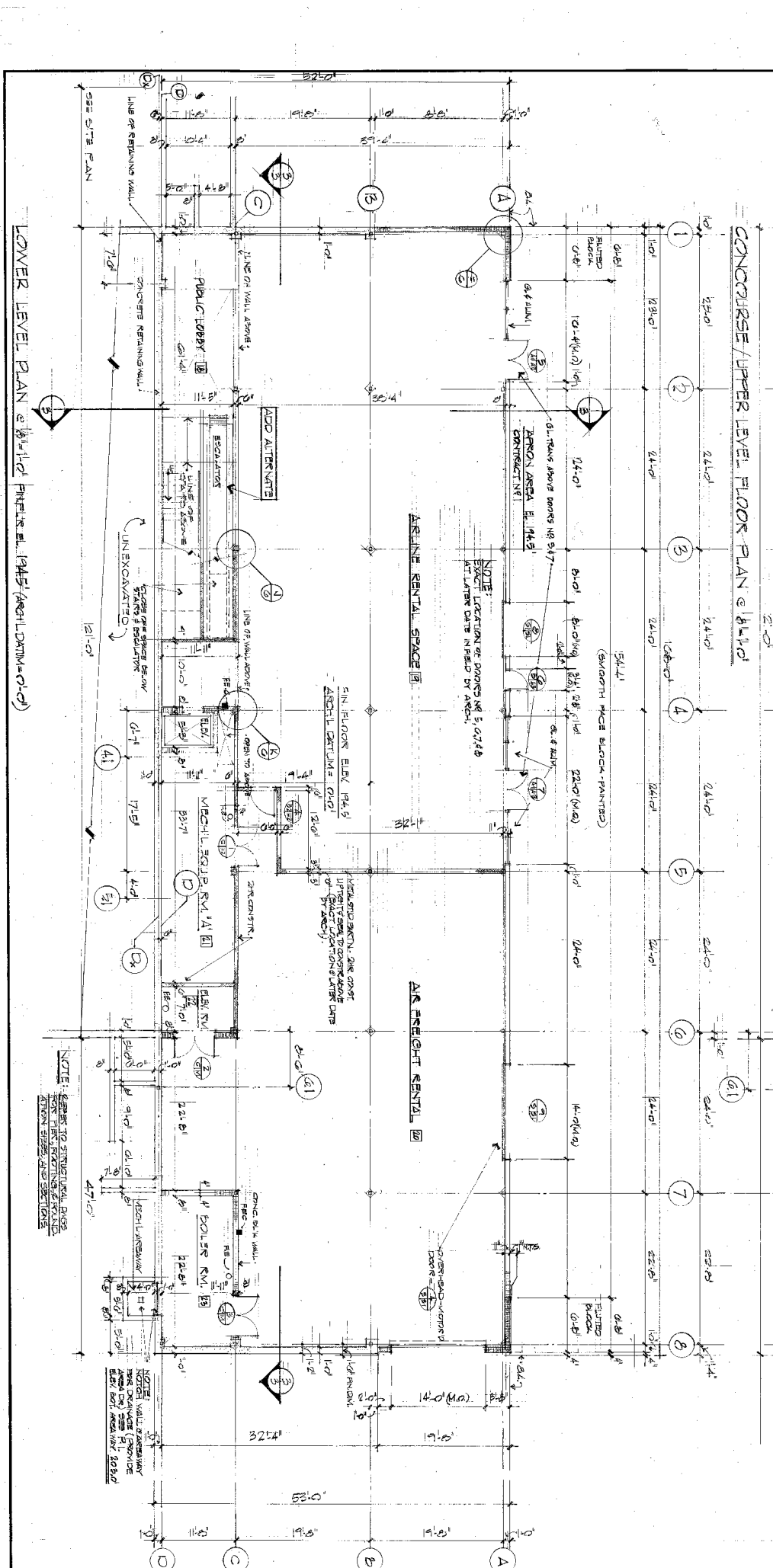
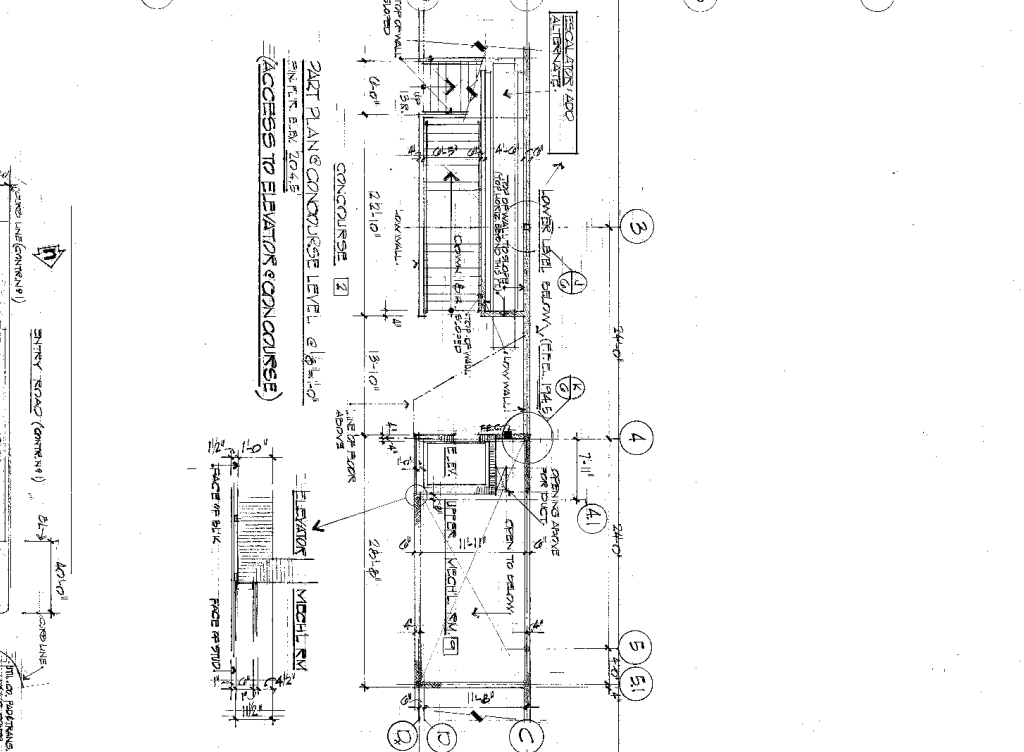
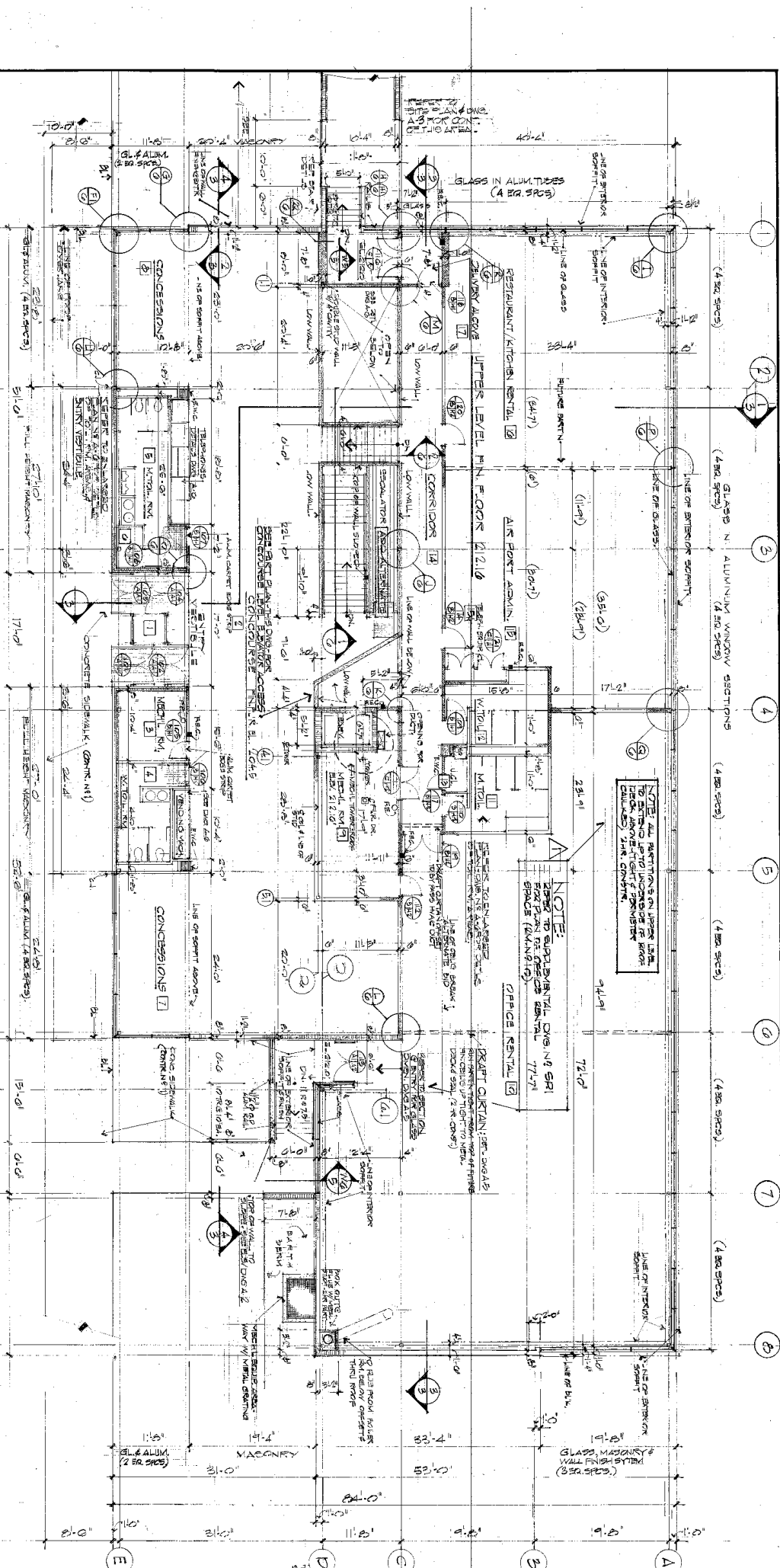
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approved: chairman, department of planning and economic development
board of chosen freeholders
the county of mercer, state of new jersey

date

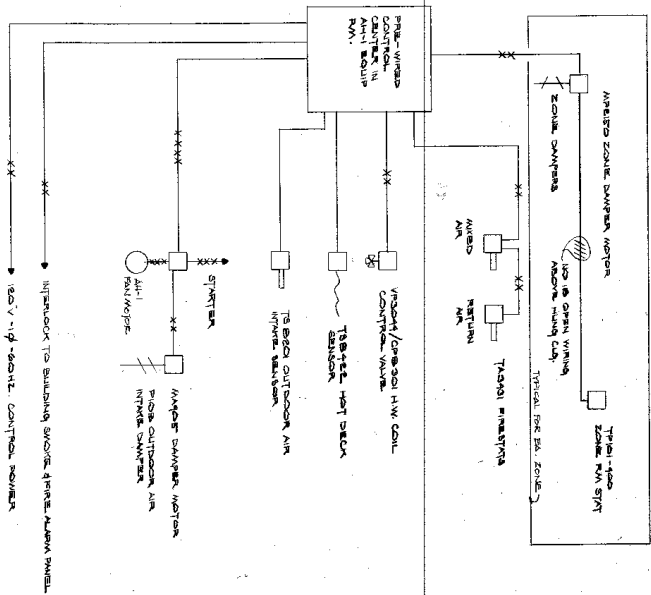
architect:
j. robert hillier
architects/planners, p.a.

date

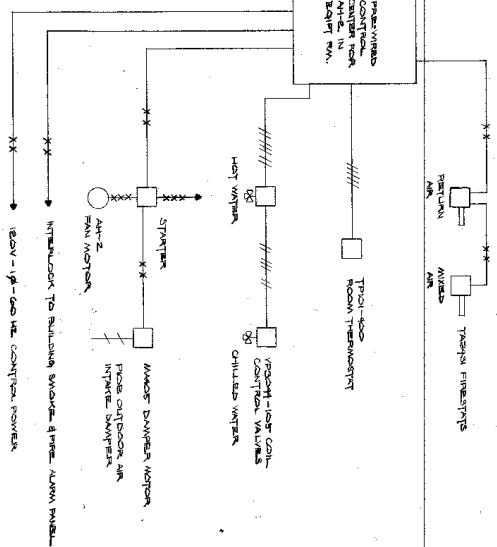


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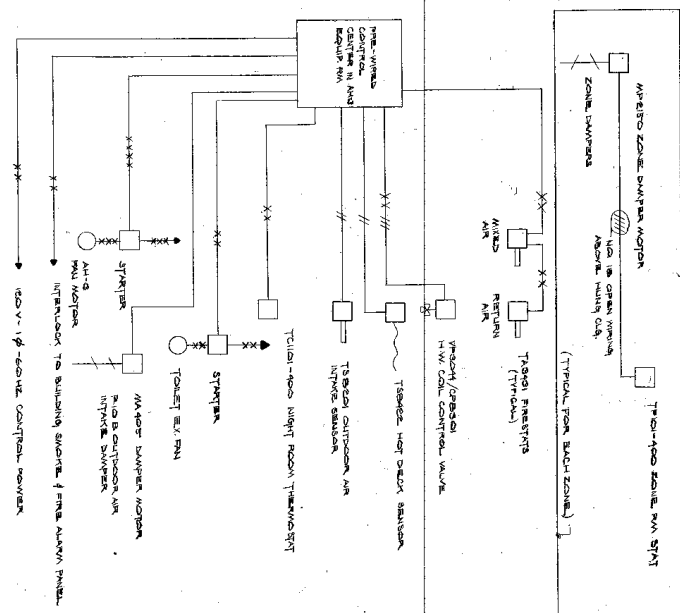
AH-1 CONTROLS



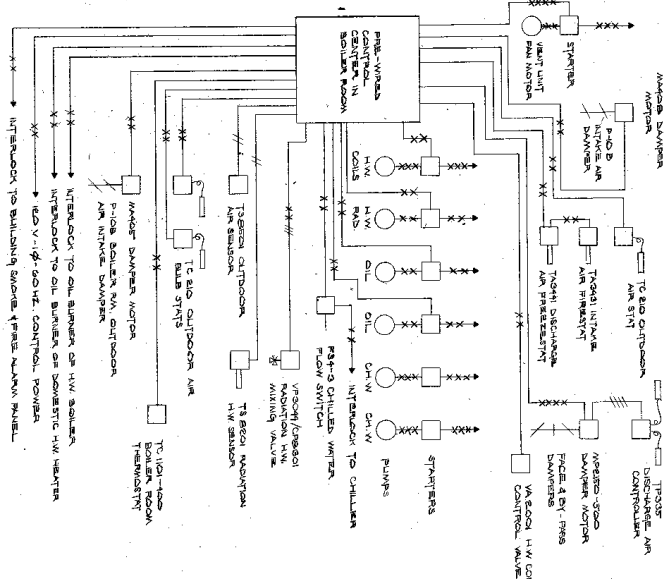
AH-2 CONTROLS



AH-3 CONTROLS

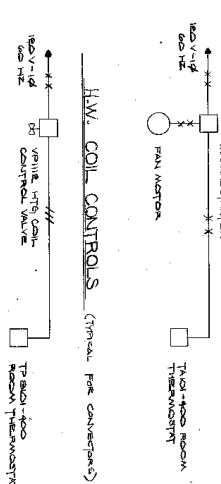


HOT WATER - CHILLED WATER-VENTILATION UNIT CONTROLS

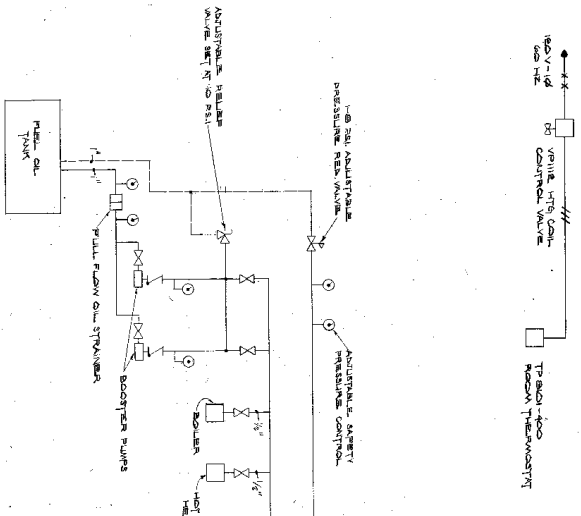


SCHEMATIC TEMPERATURE CONTROL WIRING DIAGRAM

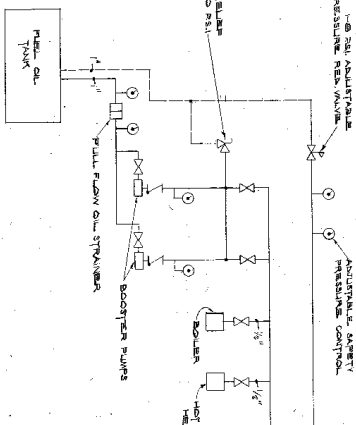
CABINET HEATER AND UNIT HEATER CONTROLS



H.W. COIL CONTROLS (TYPICAL FOR CONNECTIONS)



FUEL OIL PIPING DIAGRAM



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Allen Graham, A.I.A.

LOUIS GOLDBERG & ASSOCIATES
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

mercero county airport
new terminal building
board of chosen franchise holders
mercero county, new jersey

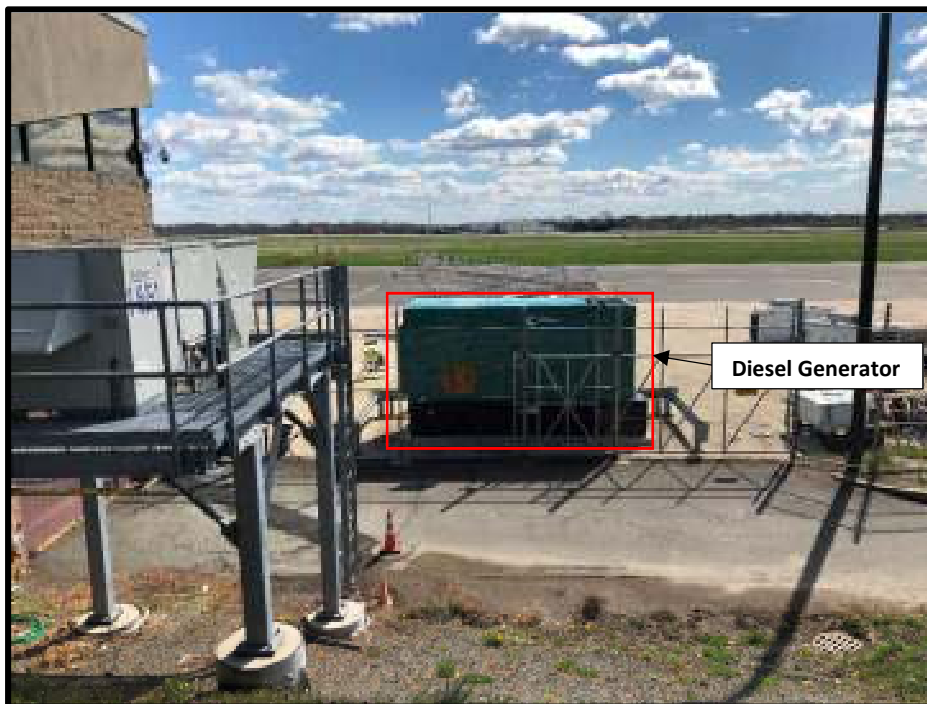
Appendix C

Site Photographs

Appendix C – Site Photographs



Photograph 1 – View of a concrete pad that held two above-ground fuel storage tanks at the NJ National Guard Area (East area), facing north.



Photograph 2– View of the existing terminal building's diesel fuel generator and associated 1,700-gallon fuel tank, facing east.



Photograph 3 – View of the A.R.F.F. facility's airside yard facing north, where foam fire drill operations took place until 2018.



Photograph 4 – View of the chemical storage area in the A.R.F.F. building garage.



Photograph 5 – View of stained pavement on the apron airside of the terminal building, facing east.



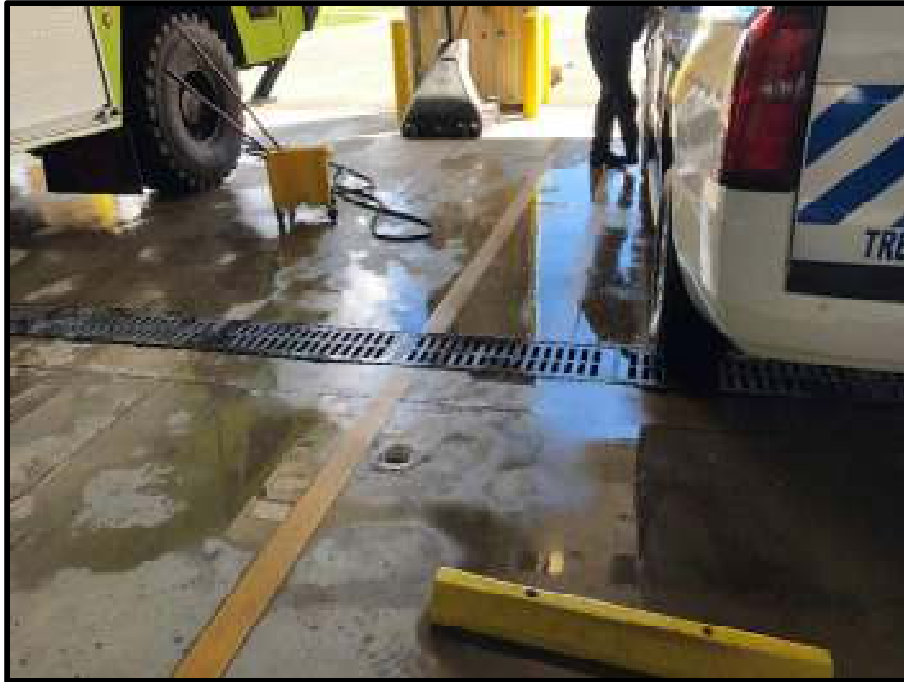
Photograph 6 – View of the de-icing chemical storage area, located on the north side of the terminal building, facing north.



Photograph 7 – View of one of the 660 gallon AFFF tanks within the A.R.F.F.



Photograph 8 – View of the propane tank located near the parking lots in the West Area.



Photograph 9 – View of the vehicle maintenance and washing area within the A.R.F.F.

Trenton-Mercer Airport (TTN)
Trenton, NJ



**Phase II Environmental Site Assessment
Trenton-Mercer Airport
Existing & New Terminal & Aircraft Rescue
and Firefighting Buildings
Trenton, NJ**

Preliminary
11/18/2020 11:10:09 AM

November 19, 2020



Urban Engineers, Inc.
Philadelphia, PA

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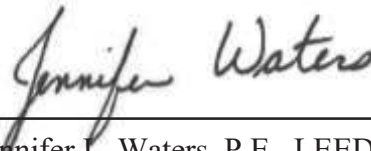
**Phase II Environmental Site Assessment
Trenton-Mercer Airport
Existing & New Terminal &
Aircraft Rescue and Firefighting (ARFF) Buildings
Trenton, New Jersey**

Prepared For:

Trenton-Mercer Airport

November 19, 2020

Prepared By:



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Approved By:



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**Urban Engineers, Inc.
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Appendix A – Geophysical Report
Appendix B – Boring Logs
Appendix C – Well Construction Details
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1.0 EXECUTIVE SUMMARY

Urban Engineers, Inc. (Urban) conducted this Phase II Environmental Site Assessment (ESA) for Trenton-Mercer Airport (TTN). The subject area includes the existing terminal building and Aircraft Rescue and Fire Fighting (ARFF) building as well as the locations of the proposed terminal and ARFF buildings, located within the TTN property, in Trenton, New Jersey. This Phase II ESA was performed to further investigate the recognized environmental conditions (RECs) identified in the Phase I ESA performed by Urban (Report Date: May 2019). The Phase I RECs are identified as follows and further detailed in Section 2.6 of this report:

- REC No. 1 – Fueling, Maintenance and Aircraft Operations
- REC No. 2 – Historic Fill
- REC No. 3 – Historic Firefighting Drills
- REC No. 4 – Potential Underground Storage Tank
- REC No. 5 – Reported NJ Spills & Releases

The following general tasks were performed as part of this Phase II ESA as outlined in the TTN Terminal and ARFF Building Field Sampling Plan (July 16, 2020):

1. Geophysical Survey (September 1, 2020)
2. Soil Sampling/Analysis (September 2 through September 9, 2020)
3. Groundwater Well Installation and Sampling/Analysis (September 17, 2020)

The sampling procedures and laboratory analysis performed is described in Section 3.0. Analyses included: volatile organics, semi-volatile organics, PCBs, metals, pesticides, petroleum hydrocarbons, and PFAS.

1.1 PROPOSED TERMINAL EXPANSION AREA

There were no exceedances of New Jersey Department of Environmental Protection (NJDEP) non-residential direct contact standards for any of the 48 samples analyzed within the proposed terminal expansion area. There were detections of aluminum, beryllium, and manganese above the NJDEP Impact to Groundwater (IGW) screening levels; however, these detections are likely associated with naturally occurring background concentrations and are not considered a significant environmental concern. The semi-volatile organic compound Benzo(a)pyrene (BaP) was detected in Sample S-20B (4 feet below grade) at a concentration 0.360 mg/kg, which exceeds its IGW screening level of 0.200 mg/kg. Sample S-20B was collected at a depth of 4 feet below the existing asphalt parking lot. BaP is a compound within bituminous asphalt and was detected below its IGW screening level in other samples collected in the asphalt parking areas. This isolated exceedance does not appear to be a result of a previous spill or release.

Per- and polyfluoroalkyl substances (PFAS) were detected in the soil and groundwater in the vicinity of the existing ARFF building. NJDEP does not currently regulate PFAS in soil. NJDEP regulates the following PFAS compounds in groundwater:

- Perfluorononanoic Acid (PFNA)
- Perfluorooctanoic Acid (PFOA)
- Perfluorooctanesulfonic Acid (PFOS)

The regulated PFAS compounds PFNA, PFOA, and PFOS exceeded their respective NJDEP groundwater quality criterion.

1.2 PROPOSED NEW ARFF BUILDING AREA

Polycyclic aromatic hydrocarbons (PAHs) and arsenic were detected in isolated sample locations above their respective NJDEP non-residential direct contact and IGW standards/screening levels.

1.3 SUMMARY OF PHASE II RECOMMENDATIONS

The table below provides a concise summary of the recommendations provided in Sections 5.1 to 5.5 of this report.

Phase I ESA REC (May 2019)	Phase II Recommendation
REC No. 1 – Fueling, Maintenance and Aircraft Operations	▪ No further sampling is required at this time. ▪ A soil and material management plan is recommended to be included in the construction contract.
REC No. 2 – Historic Fill	▪ No further sampling is required at this time within the Terminal Expansion Area. ▪ Additional PAH and Arsenic sampling and analysis is recommended within the proposed ARFF Building area. ▪ A soil and material management plan is recommended to be included in the construction contract.
REC No. 3 – Historic Firefighting Drills	▪ Additional groundwater characterization and reporting is recommended to adequately delineate the nature and extent of PFAS impact. ▪ Adhere to the NJDEP regulatory path described in Section 5.7.
REC No. 4 – Potential Underground Storage Tank (UST)	▪ No UST detected in the area south of the existing Terminal building. No further action at this time. ▪ UST fill port/vent pipe noted in the area north of the existing ARFF building (Sheriff's dog kennel). UST closure in accordance with NJDEP Underground Storage Tank Rules, NJAC 7:14B-9 is recommended prior to or as part of the terminal expansion project.
REC No. 5 – Reported NJ Spills & Releases	▪ No further sampling is required at this time. ▪ A soil and material management plan is recommended to be included in the construction contract.

Proposed remedial investigation activities for each REC are provided in Section 6.0. The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development project.

2.0 INTRODUCTION

2.1 LOCATION AND LEGAL DESCRIPTION

The subject area includes the existing terminal building and Aircraft Rescue and Fire Fighting (ARFF) building as well as the locations of the proposed terminal and ARFF buildings, located within the TTN property, in Trenton, New Jersey. TTN is shown on the Pennington, NJ USGS 7.5-minute Quadrangle Map (see Figure 1) at approximately 40°16'36.84" north latitude and 74°49'04.42" west longitude.

The subject project includes of the following two study areas at TTN:

1. Proposed Terminal Expansion Area (West Area)
2. Proposed New ARFF Building (East Area)

Figure 2, TTN Airport Map, depicts these Phase II ESA study areas.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The TTN Terminal and Existing ARFF Area (West Area) is located on the western side of TTN in the vicinity of the existing terminal building between Runway end 6 and Runway end 16. This area consists of the existing terminal building, the existing ARFF building, structures north of the existing terminal building (i.e., baggage claim modular, storage structures), parking lots located west of the existing terminal, and a vegetated area south of the terminal building.

The proposed new ARFF building area is located north of the New Jersey National Guard facility, in the open space quadrant between Runway ends 34 and 24. This area is 100 percent vegetated (grass field) and includes at least two underground utility corridors (gas and communications).

2.3 CURRENT USE OF THE PROPERTY AND ADJOINING PROPERTIES

The current uses of the TTN terminal and existing ARFF area primarily include an active airport terminal, active ARFF facility, parking lot, and baggage transport. The proposed ARFF area is 100 percent vegetated grass area.

The adjoining properties consist of other airport uses, railroad, and commercial facilities. The proposed ARFF area is a vacant space located in the grassed quadrant between runway 24 and 34 and just west of Scotch Road.

The closest commercial property (approximately 800 feet west) to the TTN terminal and existing ARFF area is Airtex Products, Inc., an aircraft supply company. Residential properties were previously temporarily located directly west of the TTN Terminal and Existing ARFF area; these residences are no longer present.

2.4 PREVIOUS USES OF THE PROPERTY AND ADJOINING PROPERTIES

TTN, formerly known as Mercer County Airport and Skillman Airport, has been used as a public airport since 1929. The airport was named TTN in 1995. The existing terminal building was constructed in the 1970s, the existing ARFF building was constructed in 1983 and the baggage claim modular was constructed in 2013.

2.5 PROPOSED USES OF THE PROPERTY

The existing terminal building and ARFF building are proposed to be demolished and a new terminal building is proposed in the Terminal Building and ARFF Area. A new ARFF facility is proposed within the grassed area quadrant between Runways 24 and 34 (just west of Scotch Road – TTN Gate 23).

2.6 PURPOSE

Urban conducted this Phase II Environmental Site Assessment was performed to further investigate the recognized environmental conditions (RECs) identified in the Phase I ESA performed by Urban (Report Date: May 2019). The RECs were as follows:

REC No. 1 – Fueling, Maintenance and Aircraft Operations

Based on the documented fuel spills and the ongoing fueling, maintenance, washing and deicing operations that occur at TTN within the West Area in combination with the lack of a containment system beneath the TTN apron and the ARFF, there is a potential that releases have impacted the subsurface at the TTN Terminal and Existing ARFF Area (West Area). Due to the number of potential spills over time, Urban recommended conducting a Phase II ESA that consists of soil sampling and analysis in areas of proposed earth disturbance in the vicinity of the apron and taxiways. The goal of the Phase II would be to adequately characterize areas of disturbance in order to inform the design and develop project/site specific soil and material handling plans and specifications.

REC No. 2 – Historic Fill

Due to the presence of historic fill on part of the West Area, there is a potential for subsurface contamination in the area of historic fill. Urban recommended performing soil sampling in the areas of historic fill as part of the Phase II ESA recommended in REC No. 1.

REC No. 3 – Historic Firefighting Drills

Since fire suppressing foams (that may have contained PFAS) were used during fire drills adjacent to the ARFF between 2005 and 2018, Urban recommended conducting a Phase II ESA that consists soil and groundwater sampling and analysis in areas of proposed earth disturbance in the vicinity of the ARFF testing locations.

REC No. 4 – Potential Underground Storage Tank

Due to the potential presence of a 4,000-gallon fuel oil underground storage tank (UST) approximately 30 feet south of the terminal building and lack of records documenting the removal or closure of this tank there is a potential this UST exists within the subject property. Urban recommended performing a ground penetrating radar (GPR) survey to locate the potential UST onsite south of the terminal building.

REC No. 5 – Reported NJ Spills & Releases

Due to the reported NJ Spills and Releases noted during the records review, there is a potential that historic spills and releases occurred in the project areas; however, the locations of these hazardous material incidents and hazardous material releases were not revealed during the file review or interviews. Therefore, similar to REC Nos. 1 and 2, Urban recommended conducting a Phase II ESA that consists soil sampling and analysis in areas of proposed earth disturbance associated with the TTN terminal expansion and ARFF project.

2.7 GENERAL LIMITATIONS

This Phase II ESA has been conducted by Urban in accordance with practices and procedures generally accepted in the consulting engineering field. This report presents our knowledge of the site conditions at the time the report was prepared and is based upon information from available historical documents and records, an agency file review, on-site activities, and a visual inspection on the dates referenced. The recommendations stated in this report reflect information available and specific locations reviewed at the time of this report. Information pertaining to current site conditions is based on the conditions of the site and its surroundings at the time of the on-site reconnaissance.

This site evaluation is based on the conditions existing on the date of Urban's inspection. Past conditions were considered on the basis of readily available records, interviews, and recollections. Even when sampling is performed, it is possible that past contamination remains undiscovered.

The conclusions presented herein are based on information provided to Urban, or reasonably available to Urban. Urban does not warrant or guarantee the correctness, completeness, and/or currentness of the information contained in the environmental record sources used for this assessment. Such information is the product of independent investigation by parties other than Urban and/or information maintained by government agencies.

Urban cannot warrant or guarantee the property suitable for any particular purpose, or certify the property as "clean."

Future regulatory modifications, agency interpretations, and/or policy changes may affect the compliance status of this site.

2.8 RELIANCE

This report has been prepared exclusively for the client designated on the first page of the ESA. It is confidential and proprietary. It may not be copied, disseminated, distributed, or disclosed to any other parties without the expressed written permission of Urban. No third party may rely on the information contained herein without Urban's written permission.

3.0 PHASE II INVESTIGATION METHODOLOGY

The following general tasks were performed as part of this Phase II ESA as outlined in the TTN Terminal and ARFF Building Field Sampling Plan (July 16, 2020):

4. Geophysical Survey (September 1, 2020)
5. Soil Sampling/Analysis (September 2 through September 9, 2020)
6. Groundwater Well Installation and Sampling/Analysis (September 17, 2020¹)

3.1 GEOPHYSICAL SURVEY

On September 2, 2020, Ground Penetrating Radar Systems (GPRS), LLC conducted a geophysical survey at the subject site, which consisted of a combined ground penetrating radar (GPR) and radio frequency line locating (RF) survey at the site. The purpose of this survey was to scan areas of concern to locate possible underground storage tanks (USTs) and other significant subsurface metallic features and to clear locations for the soil sample boring locations. Refer to GPRS' Geophysical Survey Report, located in Appendix A, for more information on the methodology of the geophysical survey.

3.2 SOIL/GROUNDWATER SAMPLE LOCATIONS

Based on the results of the May 2019 Phase I ESA, soil and groundwater sampling was performed in the proposed areas of earth disturbance, with emphasis on the following areas:

- Areas of historic fill, maintenance, and fueling/deicing operations, near the proposed TTN Terminal building.
- Vicinity of the historic fire suppressing foam testing locations (adjacent to existing ARFF).
- Vicinity of proposed new ARFF.

Figure 3 provides the sample location maps for the proposed terminal expansion area and the new ARFF area.

Proposed TTN Terminal Building: A total of 20 soil borings (S-1 through S-20) were completed in the vicinity of the proposed excavation associated with the new TTN Terminal Building. Two soil samples were collected at each of the soil boring locations; one shallow soil sample (denoted by "A") and one at-depth sample (denoted by "B"). The soil sample locations were based on the results of the Phase I ESA, with specific emphasis on the bulleted areas above. Each of the soil borings were advanced to the planned depth of excavation, the water table beneath the site, or refusal; whichever is encountered first. Soils were classified and boring logs were generated (Appendix B). Collected soil samples were field screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID) calibrated with isobutylene.

A total of four groundwater monitoring wells (GW-1 through GW-4) were installed in the vicinity of the existing ARFF Building to delineate potential perfluoroalkyl and polyfluoroalkyl substances (PFAS) due to historic firefighting foam usage at this facility. Well construction details are provided in Appendix C. Soil samples were also collected from the GW-1 through GW-4 locations.

¹ Three of the four wells were sampled. GW-1 did not produce water as of the sample date of September 17, 2020.

Proposed ARFF Building: A total of 6 soil borings (ARFF-1 through ARFF-6) were completed in the vicinity of the proposed excavation associated with the new TTN ARFF Building. Two soil samples were collected at each soil boring location and similar sampling and nomenclature procedures to the TTN Terminal Building samples were performed.

3.3 INSTALLATION, SAMPLING, AND DECONTAMINATION

The soil borings and well installations were performed by Sano Drilling. The soil samples were collected via hollow stem auger drilling (2-foot continuous split spoon sampler). The soil within the soil borings were excavated in 2-foot intervals. The groundwater monitoring wells were installed via hollow stem auger drilling at the four corners of the existing ARFF. The wells were constructed with 2-inch I.D. solid and slotted PVC. The slotted PVC was installed from the base of the well to 3 to 5 feet above the observed water table (at the time of well installation). All wells were flush mount and top sealed with bentonite (fine grain sand was used as a filter media within the interstitial space of the borehole and the screened PVC).

Soil and groundwater samples were placed in pre-cleaned, sterile, laboratory-approved jars. The sample labels clearly identified the particular sample and provided the sample location, site name, sample number, collection date and time, preservation method, analysis requested, and sampler initials. The samples were placed on ice once they are collected. Gloves were worn while sampling, and changed and discarded after collecting each sample. Strict equipment decontamination was performed by the driller for the down-hole and sampling equipment to minimize the chance for cross-sample contamination.

The samples analyzed for PFAS included the recently promulgated PFAS compounds by New Jersey Department of Environmental Protection (NJDEP) for ground/drinking water. Specifically, PFAS analysis included perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS) and Perfluorononanoic acid (PFNA). These samples were collected in accordance with state and federal regulations to minimize potential contamination of the soil samples.

The samples were delivered to the laboratory (Eurofins-TestAmerica) within 24 hours of the day of collection. Evidence of collection, shipment, laboratory receipt, and laboratory custody was documented by maintaining a Chain-of-Custody for each sample.

3.4 LABORATORY ANALYSIS

The samples were analyzed for the constituents listed in Table 3-1, below. The laboratory analyses selected were based on the RECs identified in the Phase I ESA for each specific location.

TABLE 3-1: LABORATORY ANALYSES

Sample Number	Sample Media	Environmental Condition	Laboratory Analysis
S-1 through S-3 & S-9 through S-15	Soil	Historic Fill	TCL/TAL+30 and EPH, PFAS* (S-1, S-3, S-10, S-12, and S-15 only)
GW-1 through GW-4	Groundwater	Fire Suppressing Foam Testing	PFAS
S-4	Soil	Potential Waste Oil Tank	Category 2 EPH, waste oil contingency parameters
S-5 & S-6	Soil	Fueling & Deicing	PFAs, aviation gasoline, TCL/VOC+Tics, EDB, EDC, jet fuel TCL VOC+Tics, naphthalene, 2 methyl naphthalene, ethylene glycol, TAL metals
S-7 & S-8	Soil	Potential UST	Category 1 EPH, naphthalene, 2 methyl naphthalene, PFAS (S-7 only)
S-16 through S-20, GW-1 & GW-4 & ARFF-1 through ARFF-6	Soil	General Soil Management	VOCs, PAHs, TPH, RCRA Metals, TCLP Metals, Ignitability, Corrosivity, Reactivity, PCBs, PFAS (GW-1, GW-4, S-16 and S-19 only)
GW-2 & GW-3	Soil	Potential Waste Oil Tank	Category 2 EPH, waste oil contingency parameters, PFAS

TCL – target compound list

TAL – target analyte list

EPH – extractable petroleum hydrocarbons

PFAS – polyfluoroalkyl substances

UST – underground storage tank

EDC – ethylene dichloride

SVOC - semi-volatile organic compounds

TPH – total petroleum hydrocarbons

TCLP – toxicity characteristic leaching procedure

PCB – polychlorinated biphenyls

EBD – ethylene dibromide

TICs – tentatively identified compounds

3.5 QUALITY CONTROL/QUALITY ASSURANCE

Quality Assurance/Quality Control (QA/QC) was accomplished by maintaining site logs to document field activities, utilizing Chain-of-Custody sheets, calibrating the PID on a daily basis, and collecting QC samples. QC samples, including field blanks and equipment blanks for PFAs, to assess laboratory performance and evaluate the possibility of field/equipment cross-contamination.

The equipment blanks consisted of pouring demonstrated PFAS-free water over decontaminated sampling equipment as a check that the decontamination procedure had been adequately carried out and that there was no cross-contamination of samples occurring due to the equipment itself. Analyses of equipment blanks was performed for PFAS compounds (one per day of sampling).

Field blanks were analyzed to assess the contamination from field conditions during sampling. The field blanks consisted of PFAS-free water poured into the specific sampling containers in the field by the sampler. By doing this, the field blanks were exposed to the atmosphere of the sampling site. One field blank per day was collected and analyzed for PFAS compounds.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 GEOPHYSICAL RESULTS

The geophysical survey at this site was accomplished with the Radiofrequency (RF) and GPR units. Known utilities were traced with RF and confirmed with GPR. The GPR survey was performed at the proposed boring locations and the areas immediately surrounding them. Results of the geophysical survey were marked with paint. Significant conclusions from the geophysical survey are as follows:

- No UST-associated piping or subsurface UST-like anomalies were detected in the area south of the terminal building (Phase I REC No. 4)
- A UST fill-port/vent pipe was noted within the fenced area of Sheriff's dog kennel (just north of the existing ARFF building. We were unable to access this area, but it is assumed a UST is present at this location.

The non-intrusive geophysical survey was performed using equipment and techniques representing best available technology. Urban/GPRS does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen and varying site-specific conditions such as metal-reinforced concrete. The results of this investigation should only be used as a tool and should not be considered a guarantee regarding the presence or absence of USTs or piping.

4.2 SOIL RESULTS (NON-PFAS)

The soil analytical results were compared to the following standards:

- NJDEP Non-Residential Direct Contact (NRDC) Soil Remediation Standards
- NJDEP Impact to Groundwater (IGW) Soil Screening Levels

The following is a summary of the analytical results as compared to the above standards/screening levels:

Proposed Terminal Expansion Area

- There were no exceedances of the NRDC standard for any of the constituents analyzed within the proposed terminal expansion area (Samples S-1 to S-20 and GW-1 to GW-4).
- The semi-volatile organic compound Benzo(a)pyrene (BaP) was detected in Sample S-20B (4 feet below grade) at a concentration 0.360 mg/kg, which exceeds its IGW screening level of 0.200 mg/kg. Sample S-20B was collected at a depth of 4 feet below the existing asphalt parking lot. BaP is a compound within bituminous asphalt and was detected below its IGW screening level in other samples collected in the asphalt parking areas. This isolated exceedance does not appear to be a result of a previous spill or release.
- The metals Aluminum and Manganese were detected above the IGW screening levels throughout the proposed terminal expansion area. These are non-health based (secondary standards) compounds and are typically naturally occurring with concentrations within normal ranges for ambient background.

- The metal Beryllium had uniform concentrations in excess of the IGW screening level throughout the proposed terminal expansion area. Follow-up Synthetic Precipitate Leachate Procedure (SPLP) analysis was performed on the two highest Beryllium concentration samples (S-4B and S-15A). The SPLP results for S-4B and S-15A was 1.9 ug/l and 5.0 ug/l, respectively. These concentrations do not exceed the NJDEP leachate criterion for Beryllium (20 ug/l). The concentrations are within the range of the mean total beryllium concentrations for US soils as noted in Ambient Metals in NJ (Sanders, 2003) and is likely naturally occurring.

Figure 4 provides a summary of the non-PFAS analytical data as depicted on the sample location plan. Appendices D and E provide the NJDEP standard comparison tables and final laboratory reports, respectively.

Proposed New ARFF Area

The table below summarizes the NJDEP NRDC Standards and IGW Screening Levels at the proposed new ARFF area.

**TABLE 4-1: NJDEP STANDARD AND SCREENING LEVEL EXCEEDANCES
(NEW ARFF AREA)**

Sample Location	Depth (FT)	Constituent	Result (mg/kg)	NRDC Standard (mg/kg)	IGW (mg/kg)
ARFF-1A	1	Benzo(a)anthracene	16	17.0	0.80
		Benzo(a)pyrene	13	2.0	0.20
		Benzo(b)fluoranthene	16	17.0	2.0
		Dibenzo(a,h)anthracene	2.5	2.0	0.80
		Indeno[1,2,3-cd]pyrene	7.8	17.0	7.0
ARFF-1B	5	Benzo(a)anthracene	4.5	17.0	0.80
		Benzo(a)pyrene	4.2	2.0	0.20
		Benzo(b)fluoranthene	4.8	17.0	2.0
		Dibenzo(a,h)anthracene	0.84	2.0	0.80
ARFF-2B	7	Arsenic	28	19	19
ARFF-5B	8	Arsenic	21	19	19

Standard/Screening Level in **bold** is exceeded.

The constituents detected above their applicable standards/screening levels at sample locations ARFF-1A and ARFF-1B are PAHs. PAHs are often detected in areas that contain asphalt, historic fill or within the footprint and vicinity of subgrade utility corridors. The proposed ARFF building is located in an area that was a previously the realigned Scotch Road (circa 1958), an historic fill area due to the road realignment, and currently houses at least two sub-grade utility corridors (gas and communications). The PAH exceedances appear to be isolated to sample location ARFF-1, as the remaining five sample locations did not have PAH concentrations in excess of the NRDC or IGW standards/screening levels.

Arsenic was detected in two (ARFF-2B and ARFF-5B) samples at concentrations above NJDEP NRDC and IGW standards/screening levels. Arsenic can be attributed to historic fill or slightly higher naturally occurring background concentrations.

Figure 5 provides a summary of the non-PFAS analytical data as depicted on the sample location plan. Appendices D and E provide the NJDEP standard comparison tables and final laboratory reports, respectively.

4.3 PFAS

Aqueous film forming foam (AFFF) may have been previously used at TTN in the vicinity of the existing ARFF as part of firefighting training operations. The following interview record was included in the May 2019 Phase I ESA:

Stuart Steele, ARFF Fire Chief: Chief Steele confirmed that from at least 2005 to 2018 the fire department used the airside pavement to practice fire drills, which included using fire suppressing foams. In mid-2018 they were instructed that they could no longer perform these drills on-site and had to move to an off-site facility.

AFFFs are commercial surfactant solutions used for several decades by the U.S. military, civilian airports, and other facilities to extinguish hydrocarbon fires. AFFF is a highly effective firefighting agent intended for high-hazard flammable liquid fires. These products are typically formed by combining hydrocarbon foaming agents with fluorinated surfactants. When mixed with water, the resulting solution achieves the interfacial tension characteristics that produce an aqueous film that spreads across the surface of a hydrocarbon fuel to extinguish the flame and to form a vapor barrier between the fuel and atmospheric oxygen to prevent re-ignition.

PFAS are the active ingredients in fluorosurfactants, such as AFFF. PFAS are a complex family of more than 3,000 manmade fluorinated organic chemicals, and include PFOS and PFOA. Due to unique physical and chemical properties (e.g., surfactant, oil-repelling, water-repelling), PFAS have been extensively manufactured and used worldwide. Some PFAS are environmentally stable, mobile, persistent, and bioaccumulative. In the environment, some PFAS break down slowly, if at all, allowing bioaccumulation (concentration) to occur in humans and wildlife.

4.3.1 PFAS Soil Results

There are currently no NJDEP or federal standards or screening levels for PFAS in soil. Therefore, the PFAS soil analytical results were used as a delineation indicator of the potential radial impact of PFAS around the existing ARFF.

PFAS detections in the soil were generally confined to the samples collected in the immediate vicinity of the existing ARFF. Samples collected in the western parking lots and along the tree-line were non-detect for PFAS (S-10 was an exception). The table below summarizes the results of the PFAS analysis (as total combined detectable concentrations). The individual PFAS compound concentration detections are provided in Appendix D.

TABLE 4-2: PFAS IN SOIL DETECTIONS

Sample Location (Depth – ft.)	Total Detectable PFAS (ng/g)	Distance/Direction from ARFF
GW-1A (1.0')	122.66	Southeast corner of ARFF
GW-1B (4.5')	128.43	
GW-2A (1.0')	2.49	Northeast corner of ARFF
GW-2B (4.5')	11.55	
GW-3A (4.0')	1.71	Northwest corner of ARFF
GW-3B (9.0')	Non-detect	
GW-4A (4.0')	1.22	Southeast corner of ARFF
GW-4B (9.0')	2.43	
S-1A (2.0')	3.49	300' south of ARFF
S-1B (3.0')	3.21	
S-3A (2.5')	59.79	150' south of ARFF
S-3B (9.0')	1.56	
S-5A (1.0')	194.14	160' northeast of ARFF
S-5B (4.5')	16.74	
S-10A (1.0')	2.07	250' northwest of ARFF
S-10B (2.0')	2.51	

Figure 6 provides a summary of the PFAS analytical data as depicted on the sample location plan.

4.3.2 PFAS Groundwater Results

NJDEP regulates the following PFAS compounds in groundwater:

- Perfluorononanoic Acid (PFNA)
- Perfluorooctanoic Acid (PFOA)
- Perfluorooctanesulfonic Acid (PFOS)

These compounds along with nine other PFA compounds were analyzed as part of the September 17, 2020 groundwater sampling event. Samples were collected from three of the four wells. Monitoring well, GW-1 did not produce water to sample as of the sample date of September 17, 2020.

The table below provides the results as compared to NJDEP Groundwater Quality Criterion for the three regulated PFAS compounds. The concentrations for the remaining non-regulated compounds are provided in Appendix D. Figure 7 provides a summary of the PFAS analytical data as depicted on the sample location plan.

TABLE 4-3: PFAS IN GROUNDWATER (EXISTING ARFF BUILDING AREA)

PFAS Compound	GW Quality Criterion (ng/L)	Result (ng/L)		
		GW-2	GW-3	GW-4
PFNA	13	47	27	590
PFOA	14	14	30	310
PFOS	13	430	18	650

Results in **bold** exceed the groundwater quality criterion

The regulated PFAS compounds PFNA, PFOA, and PFOS exceed their respective NJDEP groundwater quality criterion. Since all of the wells have exhibited concentrations of PFAS in excess of their groundwater criterion the area of impact cannot be adequately delineated. It is expected that monitoring well GW-1 is within the immediate area of previous AFFF usage during training exercises. This well along with up gradient and down gradient wells will need to be established and monitored to further delineate the nature and extent of PFAS impact in the vicinity of the existing ARFF.

Groundwater elevation measurements were conducted on November 17, 2020. The table below provides measured groundwater depths and the elevations as they relate to the project topographic survey (performed by Van Cleef Engineering Associates on March 26, 2019).

Groundwater Well	Surface Elevation	Groundwater Depth	Groundwater Elevation
GW-1	185.6'	12.9'*	172.66'*
GW-2	186.45'	7.85'	178.60'
GW-3	186.50'	4.20'	182.30'
GW-4	184.75'	12.80'	171.95'

* GW-1 had only a trace amount of water in the well. The groundwater elevation is assumed to be the bottom elevation of the well.

The general direction of groundwater flow is southwesterly and the approximate gradient between wells GW-2 and GW-4 is 0.04 ft/ft.

5.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase II ESA was performed to further investigate the RECs identified in the Phase I ESA performed by Urban (Report Date: May 2019). The specific RECs and the Phase II conclusions and recommendations associated with each is provided below. Section 6.0 provides further detail with regard to the proposed remedial investigation activities.

5.1 REC NO. 1 – FUELING, MAINTENANCE AND AIRCRAFT OPERATIONS

Phase I ESA REC No. 1: Based on the documented fuel spills and the ongoing fueling, maintenance, washing and deicing operations that occur at TTN within the West Area in combination with the lack of a containment system beneath the TTN apron and the ARFF, there is a potential that releases have impacted the subsurface at the TTN Terminal and Existing ARFF Area (West Area). Due to the number of potential spills over time, Urban recommended conducting a Phase II ESA that consists of soil sampling and analysis in areas of proposed earth disturbance in the vicinity of the apron and taxiways. The goal of the Phase II would be to adequately characterize areas of disturbance in order to inform the design and develop project/site specific soil and material handling plans and specifications.

Rec No. 1 Phase II Conclusion/Recommendations:

- There were no exceedances of the NJDEP NRDC standard for any of the constituents analyzed within the proposed terminal expansion area (Samples S-1 to S-20 and GW-1 to GW-4). **NO FURTHER ACTION REQUIRED**
- The metals Aluminum and Manganese were detected above the IGW screening levels throughout the proposed terminal expansion area. These are non-health based (secondary standards) compounds and are typically naturally occurring with concentrations within normal ranges for ambient background. **NO FURTHER ACTION REQUIRED**
- The metal Beryllium had uniform concentrations in excess of the IGW screening level throughout the proposed terminal expansion area. Follow-up SPLP analysis was performed and Beryllium was found to be within the NJDEP leachate criterion. The concentrations are within the range of the mean total beryllium concentrations for US soils as noted in Ambient Metals in NJ (Sanders, 2003) and is likely naturally occurring. **NO FURTHER ACTION REQUIRED**
- The semi-volatile organic compound Benzo(a)pyrene (BaP) was detected in Sample S-20B (4 feet below grade) at a concentration 0.360 mg/kg, which exceeds its IGW screening level of 0.200 mg/kg. Sample S-20B was collected at a depth of 4 feet below the existing asphalt parking lot. BaP is a compound within bituminous asphalt and was detected below its IGW screening level in other samples collected in the asphalt parking areas. This isolated exceedance does not appear to be a result of a previous spill or release. **NO FURTHER SAMPLING REQUIRED AT THIS TIME. ADDRESS WITHIN A SITE SPECIFIC SOIL AND MATERIAL HANDLING PLAN.**

The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development project.

5.2 REC NO. 2 – HISTORIC FILL

Phase I ESA Rec No. 2: Due to the presence of historic fill on part of the West Area, there is a potential for subsurface contamination in the area of historic fill. Urban recommended performing soil sampling in the areas of historic fill as part of the Phase II ESA recommended in REC No. 1.

Rec No. 2 Phase II Conclusion/Recommendations:

- The conclusions and recommendations provided above for Rec No. 1 also apply to the historic fill areas associated with the proposed terminal expansion area. **SEE RECOMMENDATIONS PROVIDED UNDER REC NO. 1.**
- PAHs were detected at concentrations exceeding their NJDEP NRDC and IGW standards/screening levels in the vicinity of the proposed new ARFF area. PAHs are often detected in areas that contain asphalt, historic fill or within the footprint and vicinity of subgrade utility corridors. The proposed ARFF building is located in an area that was previously the realigned Scotch Road (circa 1958), an historic fill area due to the road realignment, and currently houses at least two sub-grade utility corridors (gas and communications). The PAH exceedances appear to be isolated to sample location ARFF-1, as the remaining five sample locations did not have PAH concentrations in excess of the NRDC or IGW standards/screening levels. **ADDITIONAL SAMPLING AND ANALYSIS IS RECOMMENDED AROUND ARFF-1 TO ADEQUATELY DELINEATE THE EXTENT OF PAH IMPACT IN THIS AREA.**
- Arsenic was detected in two (ARFF-2B and ARFF-5B) samples at concentrations above NJDEP direct contact and impact to groundwater standards/screening levels. Arsenic can be attributed to historic fill or slightly higher naturally occurring background concentrations. **ADDITIONAL SAMPLING AND ANALYSIS IS RECOMMENDED AROUND ARFF-2 AND ARFF-5 TO ADEQUATELY DELINEATE THE EXTENT OF ARSENIC IMPACT IN THIS AREA.**

Due to the elevated concentrations of PAHs and arsenic within the proposed new ARFF area it is recommended that a soil and material handling plan be developed and included as part of the construction documents and specifications.

The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development project.

5.3 REC NO. 3 – HISTORIC FIREFIGHTING DRILLS

Phase I ESA Rec No. 3: Since fire suppressing foams (that may have contained PFAS compounds) were used during fire drills adjacent to the ARFF between 2005 and 2018, Urban recommended conducting a Phase II ESA that consists soil and groundwater sampling and analysis in areas of proposed earth disturbance in the vicinity of the ARFF testing locations.

Rec No. 3 Phase II Conclusion/Recommendations:

- PFAS detections in the soil were generally confined to the samples collected in the immediate vicinity of the existing ARFF. Samples collected in the western parking lots and along the tree-line were non-detect for PFAS (S-10 was an exception). There are currently no NJDEP or federal standards or screening levels for PFAS in soil. Therefore, the PFAS soil analytical results were used as a delineation indicator of the potential radial impact of PFAS around the existing ARFF. **THE PFAS SOIL RESULTS ASSIST IN DETERMINING THE PLACEMENT OF ADDITIONAL MONITORING WELLS FOR PFAS GROUNDWATER SAMPLING AND ANALYSIS.**
- The regulated PFAS compounds PFNA, PFOA, and PFOS exceed their respective NJDEP groundwater quality criterion. Since all of the sampled wells have exhibited concentrations of PFAS in excess of their groundwater criterion the area of impact cannot be adequately delineated. It is expected that monitoring well GW-1 (no sample collected due to a dry well) is within the immediate area of previous AFFF usage during training exercises. **ADDITIONAL GROUNDWATER CHARACTERIZATION AND REPORTING IS RECOMMENDED TO ADEQUATELY DELINEATE THE NATURE AND EXTENT OF PFAS IMPACT.**

Additional “source wells” (up gradient and down gradient wells) will need to be established and monitored to further delineate the nature and extent of PFAS impact in the vicinity of the existing ARFF. NJDEP has a prescribed regulatory path for notifying, assessing, and reporting groundwater impact cases. Section 5.7 summarizes the NJDEP regulatory process.

The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development project.

5.4 REC NO. 4 – POTENTIAL UNDERGROUND STORAGE TANK

Phase I ESA Rec No. 4: Due to the potential presence of a 4,000-gallon fuel oil UST approximately 30 feet south of the terminal building and lack of records documenting the removal or closure of this tank there is a potential this UST exists within the subject property. Urban recommended performing a GPR survey to locate the potential UST onsite south of the terminal building.

Rec No. 4 Phase II Conclusion/Recommendations:

- No UST-associated piping or subsurface UST-like anomalies (via the ground penetrating radar and radio frequency scanning) were detected in the area south of the terminal building. In addition, samples collected boring locations S-7 and S-8 (vicinity of suspect UST) did not exhibit concentrations of substances typically associated with UST releases. **NO FURTHER ACTION REQUIRED.**

- A UST fill-port/vent pipe was noted within the fenced area of Sheriff's dog kennel (just north of the existing ARFF building). We were unable to access this area, but it is assumed a UST is present at this location. **UST CLOSURE IN ACCORDANCE WITH NJDEP UNDERGROUND STORAGE TANK RULES, NJAC 7:14B-9 IS RECOMMENDED PRIOR TO OR AS PART OF THE TERMINAL EXPANSION PROJECT.**

The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development project.

5.5 REC NO. 5 – REPORTED NJ SPILLS & RELEASES

Due to the reported NJ Spills and Releases noted during the records review, there is a potential that historic spills and releases occurred in the project areas; however, the locations of these 14 hazardous material incidents and 2 hazardous material releases were not revealed during the file review or interviews. Therefore, similar to REC Nos. 1 and 2, Urban recommended conducting a Phase II ESA that consists soil sampling and analysis in areas of proposed earth disturbance associated with the new TTN Terminal and ARFF project.

Rec No. 4 Phase II Conclusion/Recommendations:

The conclusions and recommendations provided above for Rec No. 1 and No. 2 also apply to the evaluation of reported NJ spills and releases. **SEE RECOMMENDATIONS PROVIDED UNDER REC NO. 1 AND NO. 2.**

The above recommendations can be done concurrently with the design development and/or construction phases of the new terminal development.

5.6 SUMMARY OF REC CONCLUSIONS AND RECOMMENDATIONS

The table below provides a concise summary of the recommendations provided in Sections 5.1 to 5.5 above.

TABLE 5-1: SUMMARY OF PHASE II RECOMMENDATIONS

Phase I ESA REC (May 2019)	Phase II Recommendation
REC No. 1 – Fueling, Maintenance And Aircraft Operations	▪ No further sampling is required at this time. ▪ A soil and material management plan is recommended to be included in the construction contract.
REC No. 2 – Historic Fill	▪ No further sampling is required at this time within the Terminal Expansion Area ▪ Additional PAH and arsenic sampling and analysis is recommended within the proposed ARFF Building area.

	▪ A soil and material management plan is recommended to be included in the construction contract.
REC No. 3 – Historic Firefighting Drills	▪ Additional groundwater characterization and reporting is recommended to adequately delineate the nature and extent of PFAs impact. ▪ Adhere to the NJDEP regulatory path described in Section 5.7.
REC No. 4 – Potential Underground Storage Tank	▪ No UST detected in the area south of the existing Terminal building. No further action at this time. ▪ UST fill port/vent pipe noted in the area north of the existing ARFF building (Sheriff's dog kennel). UST closure in accordance with NJDEP Underground Storage Tank Rules, NJAC 7:14B-9 is recommended prior to or as part of the terminal expansion project.
REC No. 5 – Reported NJ Spills & Releases	▪ No further sampling is required at this time. ▪ A soil and material management plan is recommended to be included in the construction contract.

5.7 NJDEP REGULATORY PATH FOR ADDRESSING GROUNDWATER IMPACT

Below is the typical NJDEP regulatory path for addressing groundwater impact identified at a property. It is the recommended approach for assessing the PFAS contamination identified in the vicinity of the existing ARFF.

- Report discharge to NJDEP Hotline (877-WARN-DEP).
- Complete Confirmed Discharge Notification (CDN) form online submission (within 2 weeks from established NJDEP Case #).
- Retain Licensed Site Remediation Professional (LSRP) within 45 days.
- Complete Annual Remediation Fee (ARF) form online within 45 days to define fee category.
- Complete Initial Receptor Evaluation (IRE) within 1 year
- Complete Remedial Investigation Report (RIR) within 5 years (includes delineation of all applicable contaminated media).
- Complete Public Notification (PN) within RIR reporting timeframe (post sign or send out letters).

- Complete Remedial Action Workplan (RAW)/Remedial Action Report (RAR) within 5 years from RI timeframe (i.e., 10 years from established Case # which includes completion of remediation of all applicable contaminated media).
- Complete Response Action Outcome (RAO) with RAR. Depending upon RA type, may require a Remedial Action Permit (RAP) for groundwater monitored natural attenuation and/or soil RAP for capping of contaminated materials, if applicable.
- Conduct biennial certifications/inspections and reporting for RAPs for soil and/or groundwater, if applicable.

The above recommended regulatory path can be done concurrently with the design development and/or construction phases of the new terminal development.

6.0 PROPOSED REMEDIAL INVESTIGATION ACTIVITIES

As noted in previous sections of this report, soil and groundwater impacts were identified above NJDEP criteria/standards at select RECs investigated at the property. Specifically, soil and groundwater impacts were identified near the existing and proposed ARFF building locations. Based on these identified impacts, additional delineation pursuant to NJAC 7:26E is recommended. In addition, a suspected UST was identified and closure of this tank pursuant to NJAC 7:14 and 7:26F are recommended. Proposed delineation of each media by REC (i.e., Area of Concern) and closure of the UST are discussed below.

6.1 REC 2 – HISTORIC FILL INVESTIGATIONS

Due to the presence of historic fill on part of the property, there was a potential for subsurface contamination in the area of historic fill. Several borings were advanced in the vicinity of REC 2 during the Phase II ESA which identified PAH and Arsenic impacts within the subsurface (Figure X). Three soil borings (ARFF-1, -2 and -5) were identified with impacts exceeding NJDEP Soil Remediation Standards (SRS). As such, delineation of PAH and Arsenic concentrations exceeding NJDEP SRS is required. It is proposed to advance soil borings at each location to conduct delineation of soil impacts at ARFF-1, -2 & -5 (Figure 8). The proposed scope of work is provided below:

- Advance up to 15 borings (5 at each location) - see Figure 8. The borings will be advanced via direct-push technology by a NJ-licensed driller. Four horizontal and one vertical delineation boring will be advanced at each delineation location. In addition, each vertical boring (1 at each location) will be converted to a temporary well point to evaluate groundwater quality.
- Borings are to be advanced to a depth of approximately 7 to 15 feet below grade surface. Soil borings will be field screened by a field scientist/geologist with a photoionization detector (PID).
- Based on our understanding of investigations conducted on-Site, it is anticipated that 2 to 3 soil samples will be collected at select intervals the soil borings. Soil samples are to be collected based on field evidence of any contamination and/or PID readings. Soil samples will be collected in accordance with the NJDEP Field Sampling Procedures Manual (FSPM, August 2005).
- Soil samples to investigate impacts at boring ARFF-1 will be analyzed for PAHs. Soil samples to investigate impacts as borings ARFF-2 and 5 will be analyzed for Arsenic.
- The temporary well point will be installed with 1" diameter PVC with approximately 5-10 feet of screen in the first encountered groundwater zone. The temporary well will be purged prior to sample collection and a grab groundwater sample will be collected from each temporary well point.
- A grab groundwater sample will be collected for select PAHs at ARFF-1 location and Arsenic at locations ARFF-2 & 5.

- It is anticipated that the grab groundwater sample will be collected the same day, assuming sufficient yield at each location. However, if poor recovery or low yield is encountered, the temporary well point will be left to equilibrate/stabilize. The temporary well point will not be left in place for longer than 72 hours.
- The samples collected will be submitted to a NJ-certified laboratory under proper chain of custody procedures.
- Each boring location will be backfilled to grade and the surface disturbance repaired and restored to preexisting conditions at the completion of work prior to demobilization.
- It is proposed to document the investigation and findings of this REC within the proposed RIR for REC 3 discussed below.

6.2 REC 3 – HISTORIC FIRE FIGHTING DRILLS

Fire suppressing foams suspected of containing PFAS compounds were used during fire drills adjacent to the ARFF building. Results of the Phase II ESA identified PFAS in soil and groundwater. No NJDEP SRS currently exists for PFAS compounds; however, detections of PFAS compounds were noted within soil samples (S-1, -3, -5 & -10 and GW-1, -2, -3 & -4), collected near the ARFF and replacement terminal buildings and should be evaluated for extent of contamination. Delineation of PFAS soil has been completed to the north and west of the ARFF building; however, delineation to the south and east is recommended. Concentrations of PFAS compounds were detected above NJDEP Groundwater Quality Standards (GWQS) in each monitoring well sampled (GW-2, -3, & -4) and no delineation of groundwater was completed during the Phase II ESA. As such, delineation in all directions is required pursuant to NJAC 7:26E. It is proposed to install delineation borings to conduct PFAS soil delineation south and east of the ARFF building (Figure 9). It is proposed to install monitoring wells to conduct delineation of groundwater impacts at GW-2, -3, & -4 (Figure 10). Based on the assumed groundwater flow direction to the south, the following includes the proposed scope of work:

Soil:

- Advance up to 7 borings for PFAS delineation - see Figure 9. The borings will be advanced via direct-push technology by a NJ-licensed driller. Six horizontal and one vertical delineation boring will be advanced.
- Borings are to be advanced to a depth of approximately 10 to 15 feet below grade surface. Soil borings will be field screened by a field scientist/geologist with a PID.
- Based on our understanding of investigations conducted on-Site, it is anticipated that 2 to 3 soil samples will be collected at select intervals the soil borings. Soil samples are to be collected based on field evidence of any contamination and/or PID readings. Soil samples will be collected in accordance with the NJDEP FSPM.
- Soil samples to investigate impacts will be analyzed for PFAS compounds. The samples collected will be submitted to a NJ-certified laboratory under proper chain of custody procedures.

- Each boring location will be backfilled to grade and the surface disturbance repaired and restored to preexisting conditions at the completion of work prior to demobilization.

Groundwater:

- Advance up to 7 monitoring wells for PFAS delineation - see Figure 10. The monitoring wells will be advanced via hollow-stem auger by a NJ-licensed driller. Six horizontal wells and one vertical delineation well are proposed.
- Horizontal delineation wells are to be advanced to a depth of approximately 15 feet below grade surface depending upon first encountered groundwater. Groundwater is anticipated at approximately 8 feet below grade surface.
- A vertical delineation well is proposed to a depth of approximately 25 to 30 feet below grade surface depending upon encountered groundwater.
- Monitoring wells will be installed with 2" diameter PVC with approximately 5-10 feet of screen. The monitoring wells will be developed (i.e., purged) by the drillers upon completion.
- Approximately 2 weeks after well installation and development, each monitoring well will be gauged and sampled in accordance with the NJDEP FSPM via 3 volume purge method. A groundwater sample from each proposed monitoring well will be collected for PFOA, PFOS, and PFNA compounds.
- The samples collected will be submitted to a NJ-certified laboratory under proper chain of custody procedures.
- Each monitoring well location will be surveyed to top of casing elevation by a NJ-licensed surveyor to provide ground elevations for development of groundwater contours and flow direction.
- Based on findings of the proposed delineation sampling, additional monitoring wells and sampling may be required to obtain compliance.

Reporting:

As noted in previous sections within this report, documentation of the remedial investigations of PFAS impacts to the NJDEP will be required. Based on the findings from the delineation activities proposed above, submittal of data will be incorporated into RIR. The submittal of the RIR will be conducted in accordance with NJAC 7:26E and NJAC 7:26C to meet the regulatory and/or mandatory timeframes, as applicable. The RIR will include an initial Receptor Evaluation and groundwater Classification Exception Area (CEA). The LSRP retained for the PFAS investigation will be responsible for oversight, review, and submittal of the RIR including supporting information to be uploaded to the NJDEP portal.

6.3 REC 4 – POTENTIAL UNDERGROUND STORAGE TANK

A UST fill-port/vent pipe was noted within the fenced area of Sheriff's dog kennel (just north of the existing ARFF building) during the Phase II ESA. As noted in previous sections of this report, this area was not accessible during the Phase II ESA activities and it is assumed a heating oil UST is present at this location. As such, it is proposed to conduct UST closure activities in accordance with NJAC 7:14B and NJAC 7:26F, as applicable. Based on the assumed size of the UST (<2,000 gallons), it is proposed that closure may proceed through NJDEP's unregulated heating oil tank (UHOT) program. The following is the recommended procedure for addressing the suspected UST:

- Conduct ground-penetrating radar (GPR) survey to evaluate/confirm presence of remaining UST, lines, and piping.
- Provide notice of intent to close, as applicable.
- Retain and assign a certified closure contractor licensed to remove USTs.
- Work proposed will be conducted under the oversight of a certified subsurface evaluator (SSE) or a licensed site remediation professional (LSRP) in accordance with NJDEP requirements.
- The certified closure contractor will excavate and remove the UST and associated lines and appurtenances. Any remaining waste in the tank will be containerized and sent for off-site disposal at an approved facility. The UST and product piping will also be sent for off-site to an approved recycling facility.
- Closure sampling will be conducted in the vicinity of the tank and analyzed for extractable petroleum hydrocarbons (EPH) with contingency analysis of naphthalene and 2-methylnaphthalene on 25% of soil results with EPH greater than 1,000 parts per million (ppm). It is estimated that up to 6 post-excavation samples for EPH and contingency analysis will be required. If contamination is encountered during the UST removal, additional sampling may be necessary.
- If groundwater is encountered during the UST removal, a grab groundwater sample will be collected. The sample will be placed on hold pending soil results. If activated, the sample will be analyzed for volatile and semi-volatile organic compounds plus tentatively identified compounds (VOC+TICs and SVOC+TICs).
- If groundwater is not encountered during the UST removal, a monitoring well may be installed in the vicinity of the UST pending soil results. If required, a monitoring well will be installed to first encountered groundwater by a NJ-licensed driller. A monitoring well will be installed with 2" diameter PVC with approximately 5-10 feet of screen. The monitoring well will be developed (i.e., purged) by the drillers upon completion.
- Approximately 2 weeks after well installation and development, the monitoring well will be gauged and sampled in accordance with the NJDEP FSPM via 3 volume purge method. A groundwater sample will be collected for VOC+TICs and SVOC+TICs.
- The sample collected will be submitted to a NJ-certified laboratory under proper chain of custody procedures.
- The monitoring well location will be surveyed to top of casing by a NJ-licensed surveyor.

- UST closure will include conducting a Receptor Evaluation based on sample results, as appropriate. The findings of the UST closure activities will be documented in a Remedial Action Report (RAR) submittal to NJDEP.

7.0 REFERENCES

1. "Phase I Environmental Site Assessment Report." Urban Engineers, Inc. May 2019.
2. "Certificate of Authority to Operate (CAO) a Beneficial Use Project for On-Site Use of Excavated Soil and Stone from Beneath Taxiway "C" of TTN." and associated documents. March 23, 2011.
3. "Mercer County of Dept. of Transportation and Infrastructure, Building #10, Quarterly Report." ACT Engineers, Inc. June 9, 1995.
4. "NJ Geological Survey." State of New Jersey Department of Environmental Protection Division of Water Supply and Geoscience.
5. "Pennington, NJ 7.5-min Quadrangle Topographic Map." US Geological Survey.
6. "Supplemental Investigation Report, Mercer County Airport- Former Covered Tank Farm." Enviro-Sciences, Inc. March 26, 2001.
7. "The EDR Radius Map with GeoCheck." Environmental Data Resources, Inc.
8. "The EDR Aerial Photo Decade Package." Environmental Data Resources, Inc.
9. "Underground Storage Tank System Closure Plan." ACT Engineers, Inc. June 4, 1993.
10. "Underground Storage Tank System Closure/Remedial Action Report." Oxford Engineering Company. December 18, 2001.
11. "Underground Storage Tank Remedial Investigation Report." ACT Engineers, Inc. November 27, 1996.
12. "Web Soil Survey." United States Department of Agriculture Natural Resources Conservation Service.
13. March 4, 1975 Mercer County Airport New Terminal Facilities New Terminal Building plans.

FIGURES

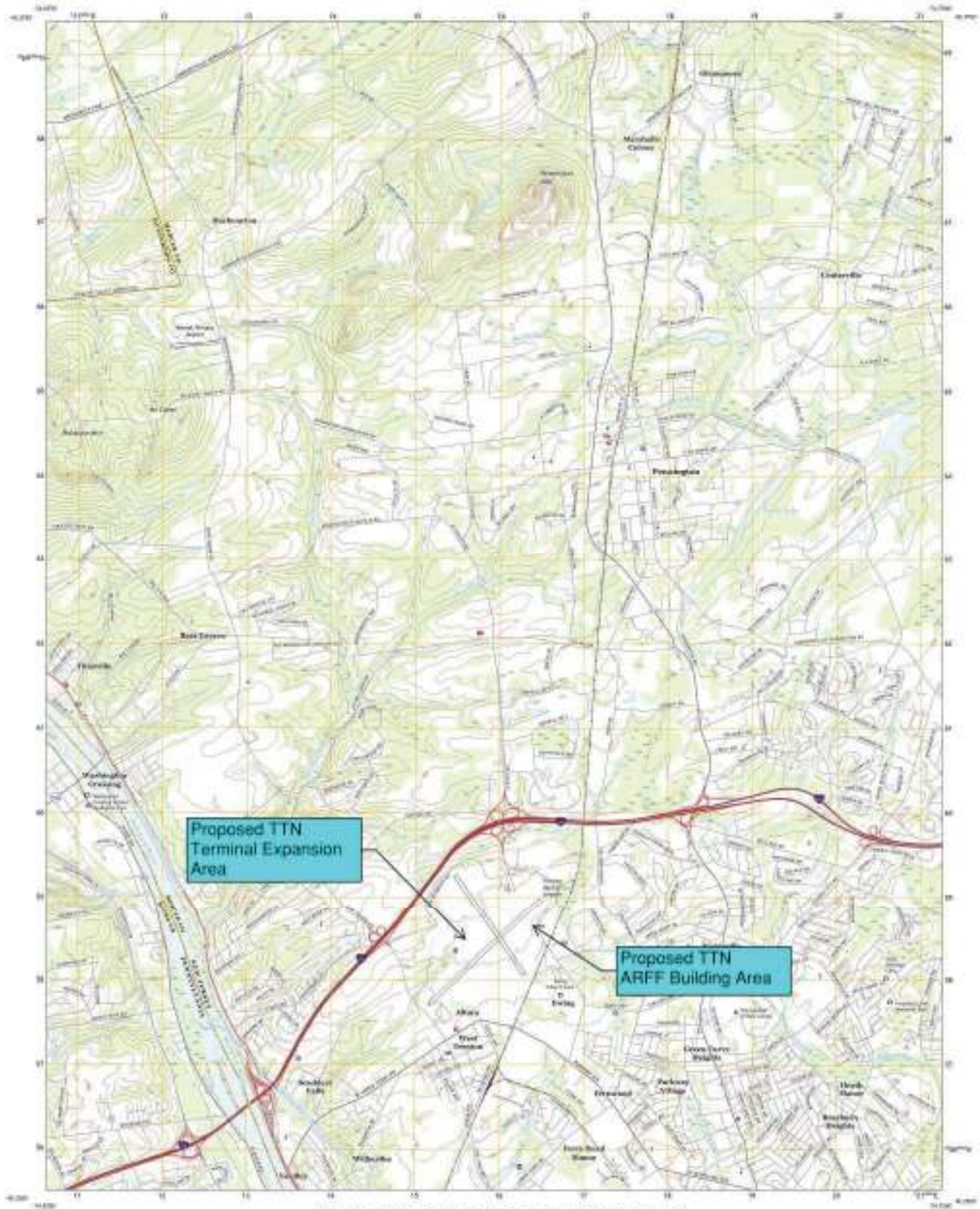


Figure 1: USGS Topographic Map - Pennington, NJ
Trenton-Mercer Airport

Produced by the United States Geological Survey
Data sources: 1:50,000 scale topographic maps
1:50,000 scale digital elevation model (DEM)
1:50,000 scale digital vector data (DVM)
1:50,000 scale digital hydrography data (DHD)
1:50,000 scale digital land use/cover data (DLU)
1:50,000 scale digital transportation data (DTN)
1:50,000 scale digital boundary data (DBD)
1:50,000 scale digital place names data (DPN)
1:50,000 scale digital administrative boundaries data (DAB)
1:50,000 scale digital infrastructure data (DIN)
1:50,000 scale digital environmental data (DEN)
1:50,000 scale digital cultural resources data (DCR)
1:50,000 scale digital geologic data (DGL)
1:50,000 scale digital mineral resources data (DMR)
1:50,000 scale digital biological resources data (DBR)
1:50,000 scale digital historical resources data (DHR)
1:50,000 scale digital archaeological resources data (DAR)
1:50,000 scale digital paleontological resources data (DPR)
1:50,000 scale digital geodetic data (DGD)
1:50,000 scale digital magnetic data (DMD)
1:50,000 scale digital gravity data (DGR)
1:50,000 scale digital seismic data (DSD)
1:50,000 scale digital meteorological data (DMD)
1:50,000 scale digital oceanographic data (DOD)
1:50,000 scale digital atmospheric data (DAD)
1:50,000 scale digital terrestrial data (DTD)
1:50,000 scale digital space data (DSD)
1:50,000 scale digital other data (DOR)



Figure 2: Phase 2 Study Areas

Trenton-Mercer Airport





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DATE	BY	REVISION

DRAWN BY:	DNN	UEI NO.	2018020278.000
CHECKED BY:	BWM	CAD NAME:	
DATE:	NOV. 2019	DWG. NO.	

**FIGURE 3A: SAMPLE LOCATION MAP
TTN TERMINAL BUILDING**

- ⊕ Soil Boring Location
- ⊕ GW and Soil Sample (PFAs)
- PFAs Analysis Location

PROPOSED REPLACEMENT TERMINAL BUILDING
AND PARKING GARAGE
TRENTON-MERCER AIRPORT, EWING TOWNSHIP
MERCER COUNTY, NEW JERSEY



**FIGURE 3B: SAMPLE LOCATION MAP
PROPOSED ARFF BUILDING AREA**

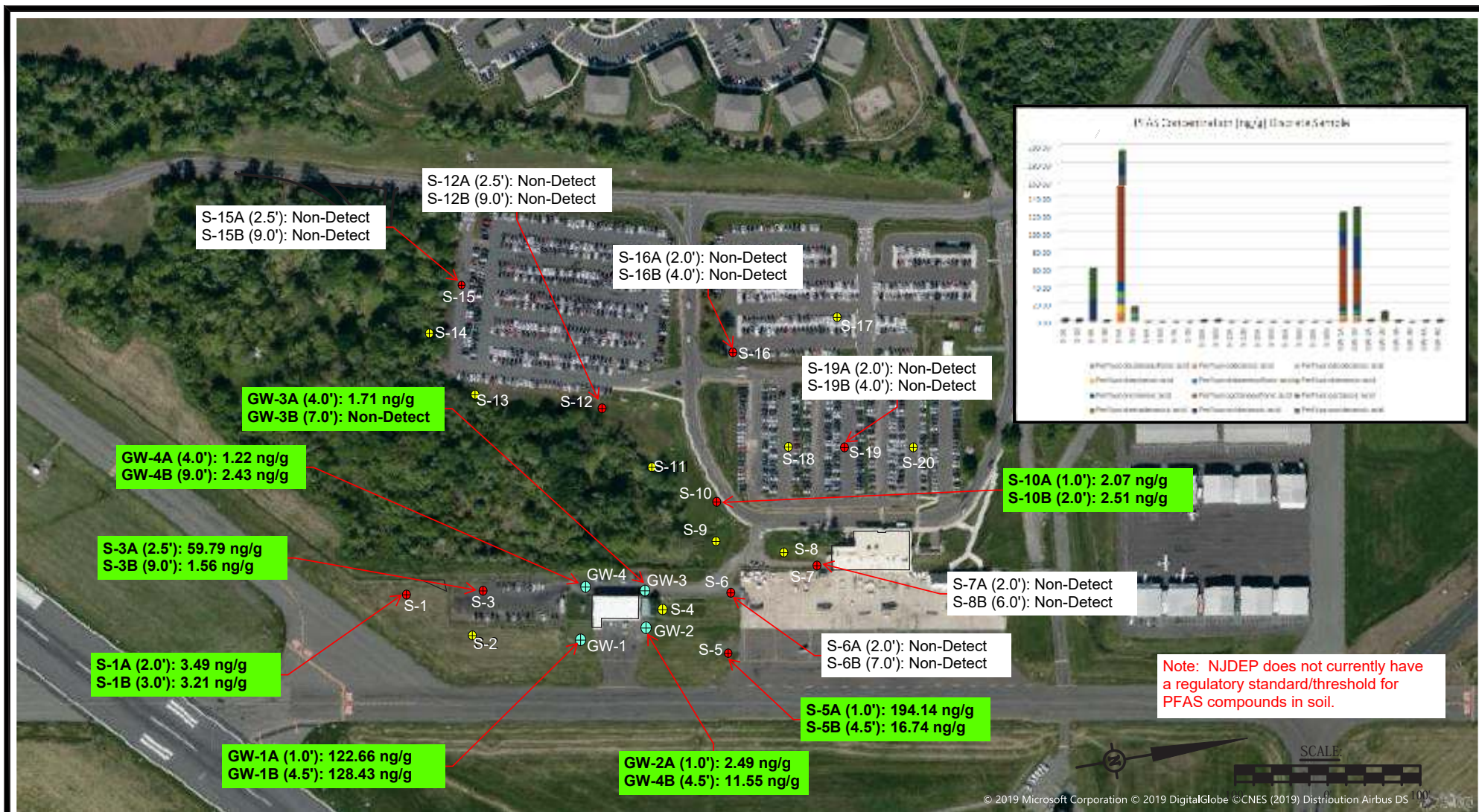


 Soil Boring Location

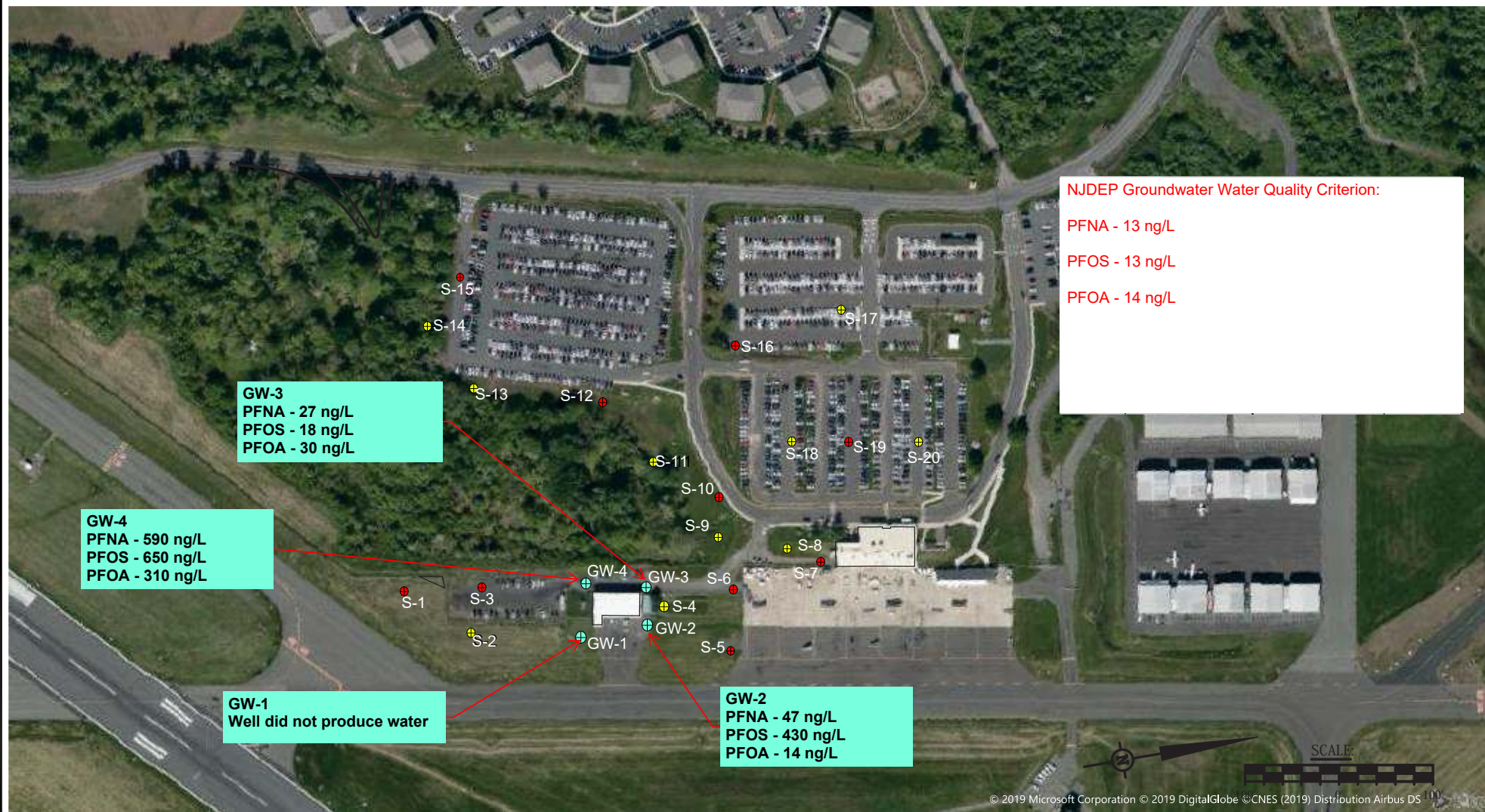




 Soil Boring Location



			DRAWN BY:	UEI NO.	FIGURE 6: PFAS SOIL RESULTS TTN TERMINAL BUILDING		PROPOSED REPLACEMENT TERMINAL BUILDING AND PARKING GARAGE TRENTON-MERCER AIRPORT, EWING TOWNSHIP MERCER COUNTY, NEW JERSEY	
			CHECKED BY:	CAD NAME:				
			DATE:	10/30/2020				
DATE	BY	REVISION			② Soil Boring Location ⊕ GW and Soil Sample (PFAs) ● PFAs Analysis Location			



DATE	BY	REVISION

DRAWN BY:	DNN	UEI NO.	2018020278.000
CHECKED BY:	BWM	CAD NAME:	
DATE:	NOV. 2019	DWG. NO.	

**FIGURE 7: PFAS GW RESULTS
TTN TERMINAL BUILDING**

● Soil Boring Location
 ⊕ GW and Soil Sample (PFAs)
 ● PFAs Analysis Location

PROPOSED REPLACEMENT TERMINAL BUILDING
 AND PARKING GARAGE
 TRENTON-MERCER AIRPORT, EWING TOWNSHIP
 MERCER COUNTY, NEW JERSEY

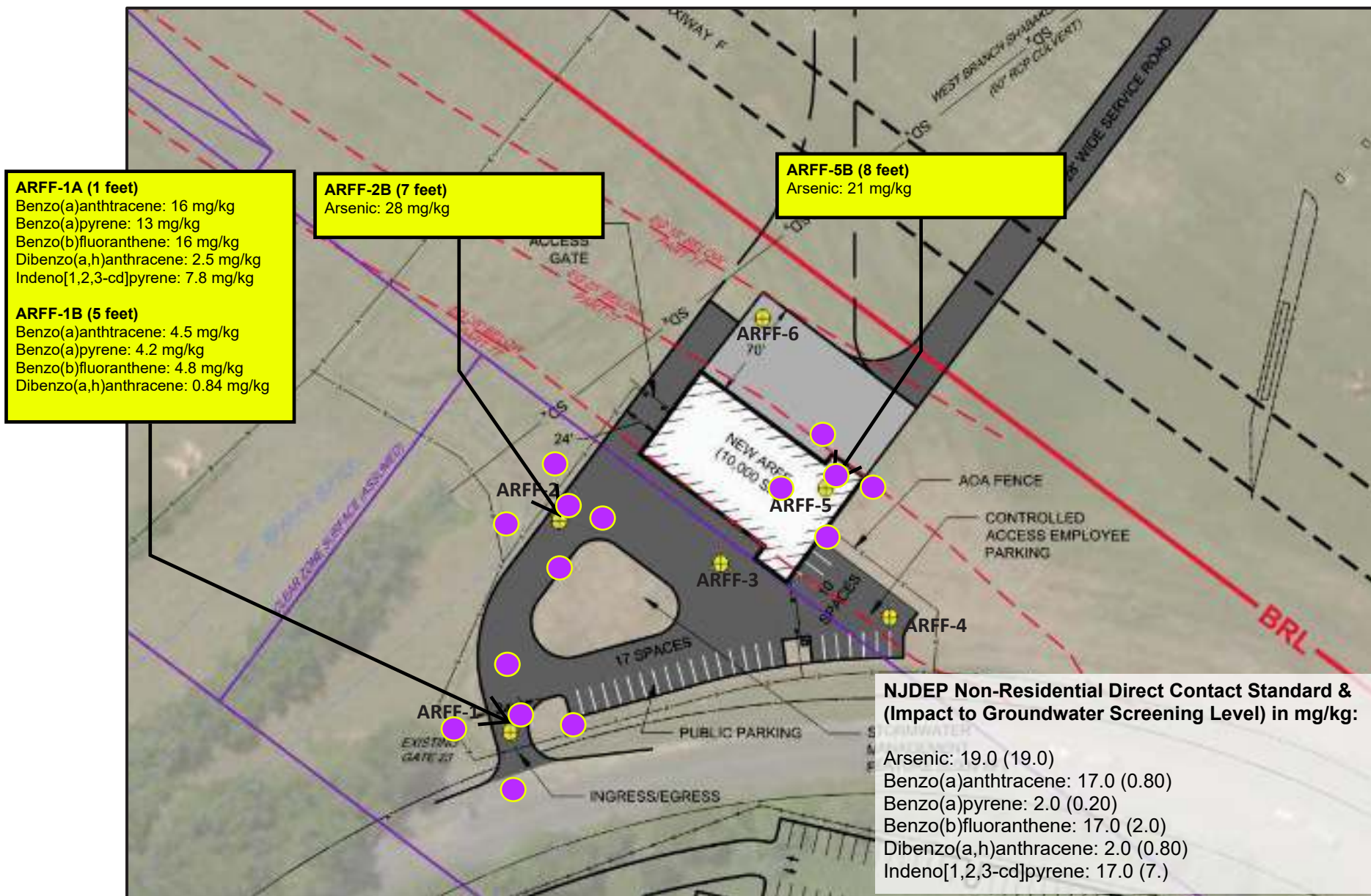
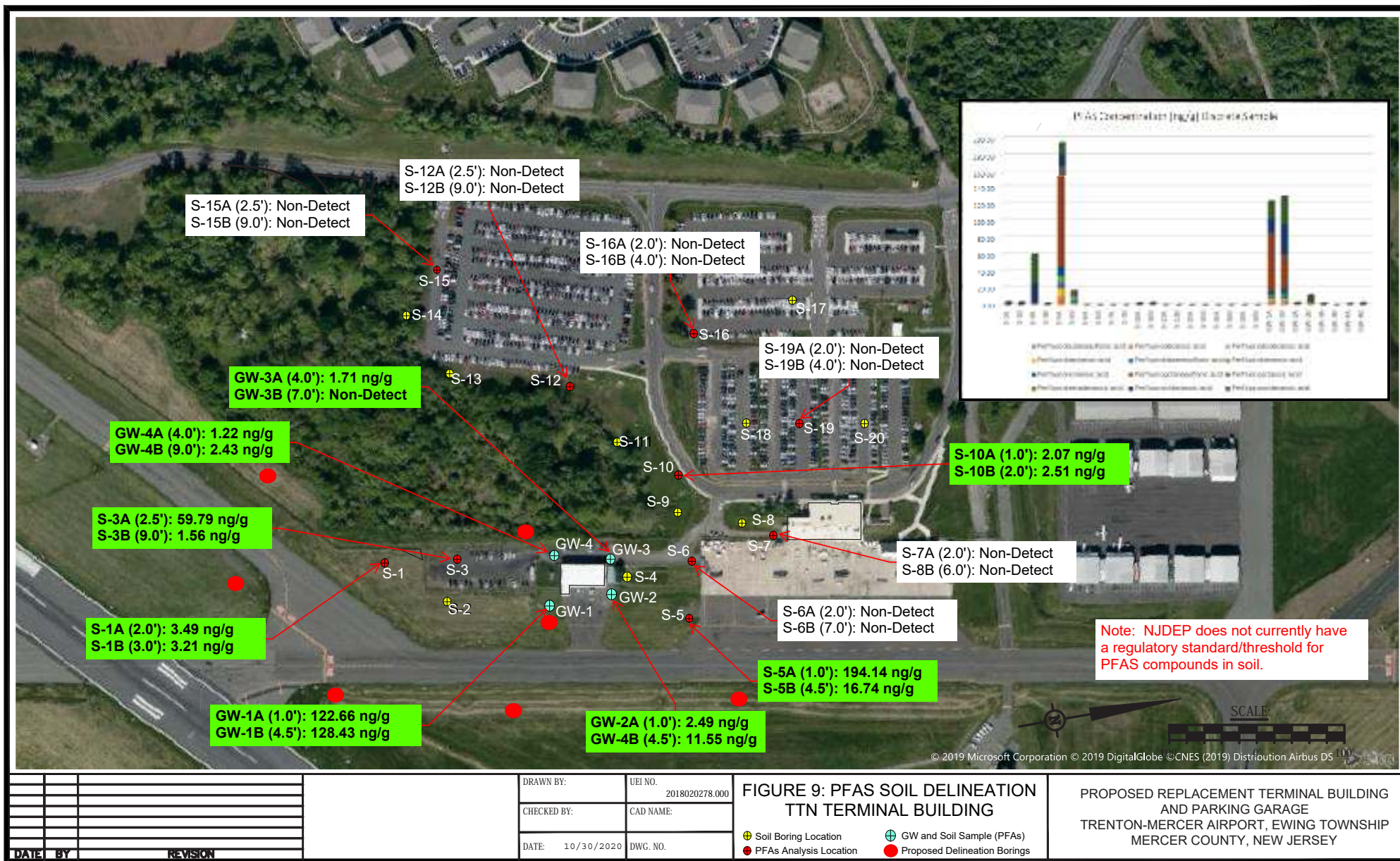


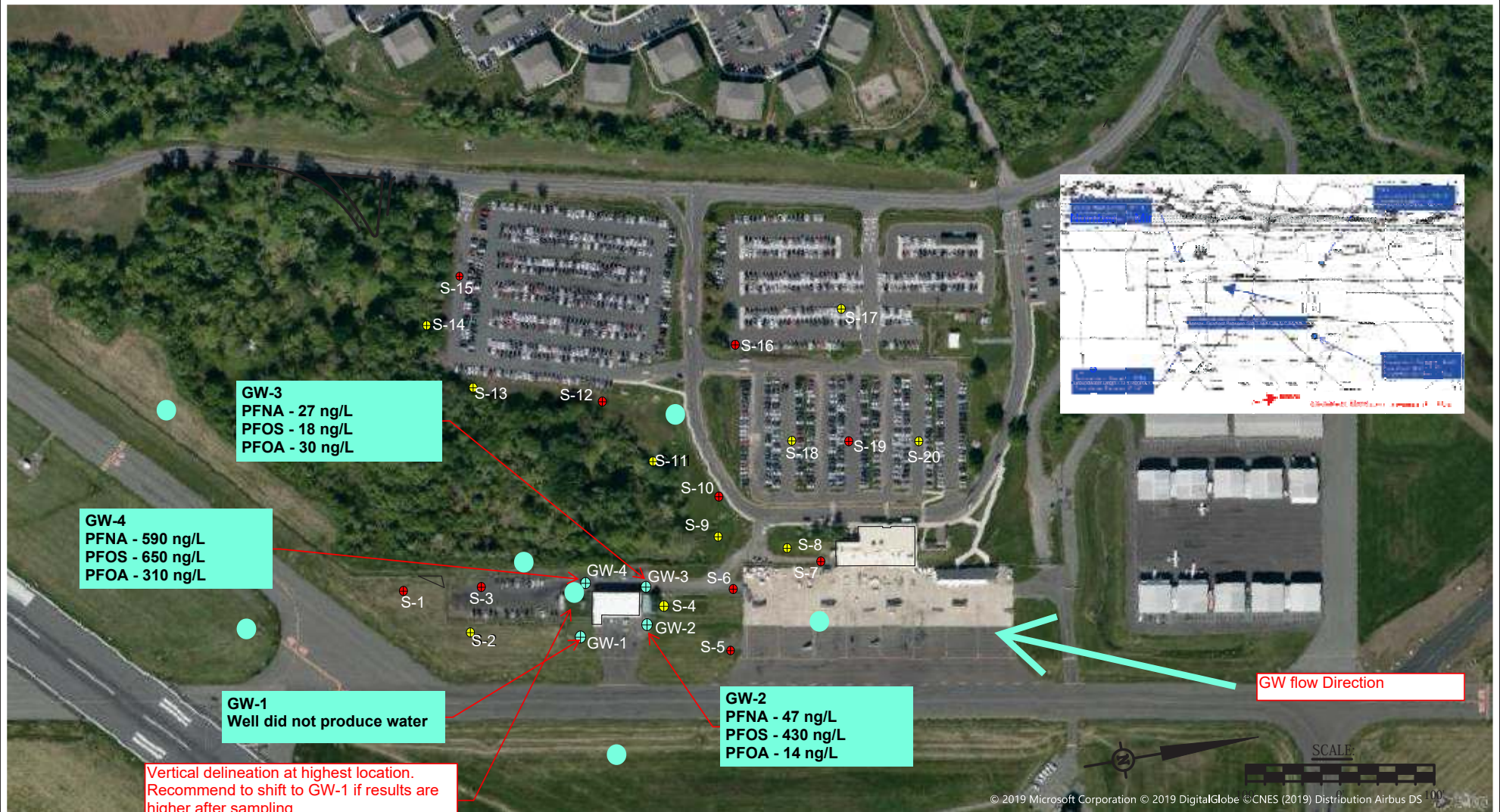
**FIGURE 8: PROPOSED DELINEATION SOIL BORINGS
 PROPOSED ARFF BUILDING AREA**

Trenton, New Jersey



- Phase II Soil Boring Location
- Proposed Delineation Boring Location





DATE	BY	REVISION

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CHECKED BY:	BWM	CAD NAME:	
DATE:	NOV. 2019	DWG. NO.	

**FIGURE 10: PFAS GW DELINEATION
TTN TERMINAL BUILDING**

⊕ Soil Boring Location ⊕ GW and Soil Sample (PFAs)
 ● PFAs Analysis Location ● GW Delineation Well

PROPOSED REPLACEMENT TERMINAL BUILDING
AND PARKING GARAGE
TRENTON-MERCER AIRPORT, EWING TOWNSHIP
MERCER COUNTY, NEW JERSEY

ATTACHMENT A

Geophysical Survey



Job Summary

Job Date : 9/1/2020

Customer	URBAN ENGINEERS	Phone Number	(215) 284-3161						
Billing Address	City	State	Zip						
530 WALNUT ST	PHILADELPHIA	PA	19106						
Job Details									
<table><tr><td>Jobsite Location</td><td>1100 TERMINAL CIRCLE DRIVE</td></tr><tr><td>City</td><td>EWING</td></tr><tr><td>State</td><td>PA</td></tr></table>				Jobsite Location	1100 TERMINAL CIRCLE DRIVE	City	EWING	State	PA
Jobsite Location	1100 TERMINAL CIRCLE DRIVE								
City	EWING								
State	PA								
<table><tr><td>WA Number</td><td>215563</td></tr><tr><td>Job Num</td><td></td></tr><tr><td>PO Num</td><td></td></tr></table>				WA Number	215563	Job Num		PO Num	
WA Number	215563								
Job Num									
PO Num									
Lead Technician	TANN, TOMMY	Phone	610-999-5379						
Email	tommy.tann@gprsinc.com								
Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.									
EQUIPMENT USED									
The following equipment was used on this project:									
- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. - Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.									
Work Performed									
Ground Penetrating Radar Systems performed the following work on this project:									
<u>Underground Utility</u>									
The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.									
- Scan multiple boring locations throughout the airport. A few of the areas were in the restricted area of the airport. - The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 3 feet.									



Work Authorization

Customer

URBAN ENGINEERS

WA Number: 215563**Quote Date :** 01-Sep-20**Billing Address**

530 WALNUT ST

City

PHILADELPHIA

State

PA

Zip

19106

Jobsite Location

1100 TERMINAL CIRCLE DRIVE

EWING

PA

WA Number 215563**Job Num****PO Num****Lead Technician:** TANN, TOMMY**Phone** 610-999-5379**Email** tommy.tann@gprsinc.com

The scope of this project will consist of the following:

Underground Utilities

- Scan multiple boring locations throughout the airport. A few of the areas were in the restricted area of the airport.

For this project, the following equipment will be used:

- 350 or 400 MHz GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities.

COST TO CONDUCT SCANNING

- The final price for this scanning will be \$ 3200.00 plus applicable tax in WV, SD, NM and HI .

TERMS & CONDITIONS

- <https://m.gp-radar.com/terms-conditions>

SIGNATURE**Contact Name**

Angelo Waters

Contact Phone

(215) 284-3161

Contact Email

Ajwaters@urbanengineers.com

ATTACHMENT B

Soil Boring Logs

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-1	COORDINATES: 40.274526°, -74.818372°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 4'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
4		3'	0'-2' : Gravel 2'-3': Gravel/rock 3'-4': Refusal		PID = 0	Sample S-1A @ 1'
						Sample S-1B @ 3'
8						EOB @ 4'
12						
16						
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt
						Fill Material
						Silt
						Sand
						Clay
						Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-2	COORDINATES: 40.274667° , -74.817954°		
ELEVATION IN FEET:	GWL: Depth 10'	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Asphalt/gravel 2'-4': Gray gravel		PID = 7.5	Sample S-2A @ 2'
— — — 8		4'	4'-8': Silt with fine gravel		PID= 2.0	Sample S-2B @ 8'
— — — 12		2'	8'-10': Silt with gravel, moisture noted			Water @ 10' EOB @ 10'
— — — 16						
— — — 20						
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-3	COORDINATES: 40.274897° , -74.818036°		
ELEVATION IN FEET:	GWL: Depth 10'	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Asphalt/gravel 2'-4': Gray gravel		PID = 7	Sample S-3A @ 2.5'
— — — 8		4'	4'-6': Fine brown silt with small gravel 6'-8': Brown silt, moisture noted		PID= 7.0	Sample S-3B @ 9'
— — — 12		2'	8'-10': Brown silt, moisture noted		PID = 0.5	Water @ 10' EOB @ 10'
— — — 16						
— — — 20						
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-4	COORDINATES: 40.275652° , -74.817739°		
ELEVATION IN FEET:	GWL: Depth 10'	TIME:	DATE STARTED: 9/3/20
Urban Personnel: Miten Patel	Depth 10'	TIME: 11:40	DATE COMPLETED: 9/3/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0			0'-2': Topsoil, grass, fill			Sample S-4A @ 1'
4		4'	2'-4': Small gravel with fine silt		PID = 0.5	
8		4'	4'-8': Small gravel with fine silt		PID= 1.5	Sample S-4B @ 8'
12		2'	8'-10': Small gravel with fine silt		PID = 3.0	Water @ 10'
16						EOB @ 10'
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt
						Fill Material
						Silt
						Sand
						Clay
						Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-5	COORDINATES: 40.275923° , -74.817469°		
ELEVATION IN FEET:	GWL: Depth None observed	TIME: 8:55	DATE STARTED: 9/3/20
Urban Personnel: Miten Patel	Depth 18'	TIME: 9:50	DATE COMPLETED: 9/3/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS	
4 8 12 16 20 25 30 35		4'	0'-2': Topsoil, grass, fill 2'-4': Gray, medium gravel		PID = 2.0	Sample S-5A @ 1' Sample S-5B @ 4.5'	
		4'	4'-6': Light brown fine silt 6'-8': Light brown silt		PID = 1.5		
		4'	8'-10': Small gravel with fine light brown silt 10'-12': Fine silt with reddish medium gravel		PID = 0.5		
		4'	12'-16': Brown/reddish silt, no gravel		PID = 0.5		
		2'	16'-18': Brown/reddish silt, no gravel		PID = 0.5		
						EOB @ 18'	
	NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

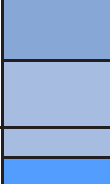
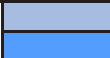
Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-6	COORDINATES: 40.276031°, -74.817887°		
ELEVATION IN FEET:	GWL: Depth 12'	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 12'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Asphalt/subbase 2'-4': Subbase		PID = 0.0	Sample S-6A @ 2'
— — 8		4'	4'-6': Fine dark brown fine silt, moisture 6'-8': Light reddish-gray fine silt		PID = 0.0	Sample S-6B @ 7'
— — 12		4'	8'-12': Small gravel with red silt, moisture		PID = 0.0	Water @ 12'
— — 16						EOB @ 12'
— — 20						
— — 25						
— — 30						
— — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-7	COORDINATES: 40.276583° , -74.817963°		
ELEVATION IN FEET:	GWL: Depth 5'	TIME:	DATE STARTED: 9/8/20
Urban Personnel Miten Patel	Depth 6'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4 — —		4'	0'-2': Asphalt/Subbase 2'-4': Dark brown silt		PID = 6.1	Sample S-7A @ 2' Sample S-7B @ 6'
— — — 8 — —		2'	4'-6': Red silt, moisture 6': Refusal		PID = 6.1	EOB @ 6'
— — — 12 — —						
— — — 16 — —						
— — — 20 — —						
— — — 25 — —						
— — — 30 — —						
— — — 35 — —						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					 Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-8	COORDINATES: 40.276389° , -74.818210°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 2'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— —		2'	0'-1' : Topsoil, grass, fill 1'-2': Refusal		PID = 0	—
4						EOB @ 2'
— — — — 8						— — — —
— — — — 12						— — — —
— — — — 16						— — — —
— — — — 20						— — — —
— — — — 25						— — — —
— — — — 30						— — — —
— — — — 35						— — — —
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008		PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-9		COORDINATES: 40.276176° , -74.818234°		
ELEVATION IN FEET:		GWL: Depth 6'	TIME:	DATE STARTED: 9/8/20
Urban Personnel Miten Patel		Depth 6'	TIME: 1:40	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger				

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4 — —		4'	0'-2': Top soil, brown silt 2'-4': Brown silt		PID = 6.1	Sample S-9A @ 1'
— — — 8 — —		2'	4'-6': Brown silt Refusal @ 6'		PID = 6.1	Sample S-9B @ 6' Water @ 6'
— — — 12 — —						EOB @ 6'
— — — 16 — —						
— — — 20 — —						
— — — 25 — —						
— — — 30 — —						
— — — 35 — —						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-10	COORDINATES: 40.276055° , -74.818505°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/2/20
Urban Personnel: Miten Patel	Depth 2'	TIME:	DATE COMPLETED: 9/2/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— —		2'	0'-1' : Topsoil, grass, fill 1'-2': Refusal		PID = 0	S-10A @ 1' — S-10B @ 2' — EOB @ 2' —
— 4 —						— — —
— —						— — —
— 8 —						— — —
— —						— — —
— 12 —						— — —
— —						— — —
— 16 —						— — —
— —						— — —
— 20 —						— — —
— —						— — —
— 25 —						— — —
— —						— — —
— 30 —						— — —
— —						— — —
— 35 —						— — —
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-11	COORDINATES: 40.275918° , -74.818749°		
ELEVATION IN FEET: Miten Patel	GWL: Depth None Observed	TIME: 13:05	DATE STARTED: 9/2/20
Urban Personnel:	Depth 14'	TIME: 13:55	DATE COMPLETED: 9/2/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-4': Topsoil, fill, gravel		PID = 0.0	Sample S-11A @ 2'
— — — 8		4'	4'-6': Fill and gravel 6'-8': Fine to coarse gravel		PID = 0.0	
— — — 12		4'	8'-10': Reddish-brown fine silt 10'-12': Brown silt		PID = 0.0	Sample S-11B @ 10'
— — — 16		2'	12'-14': Brown silt		PID = 0.0	
— — — 20						EOB @ 14'
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-12	COORDINATES: 40.275533° , -74.819446°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME: 12:05 PM	DATE STARTED: 9/2/20
Urban Personnel: Miten Patel	Depth 16'	TIME: 12:50 PM	DATE COMPLETED: 9/2/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0			0'-2': Gravel			Sample S-12A @ 2.5'
4		4'	2'-4': Gravel		PID = 5.0	
8		4'	4'-8': Brown ilt and gravel mix		PID = 5.0	
12		4'	8'-12': Light brown silt and gravel mix		PID = 7.2	Sample S-12B @ 9'
16		4'	12'-16': Light brown silt and gravel mix		PID = 1.1	
20						EOB @ 16'
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-13	COORDINATES: 40.274844° , -74.819695°		
ELEVATION IN FEET:	GWL: Depth None observed	TIME: 10:40	DATE STARTED: 9/2/20
Urban Personnel: Miten Patel	Depth 8'	TIME: 11:12	DATE COMPLETED: 9/2/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil, gravel, fill 2'-4': Red silt		PID = 0.0	Sample S-13A @ 1' — — —
— — 8		4'	4'-7': Red silt 8': Weathered rock		PID= 0.0	Sample S-13B @ 6' — — —
— — 12						EOB @ 8' — — —
— — 16						— — —
— — 20						— — —
— — 25						— — —
— — 30						— — —
— — 35						— — —
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-14	COORDINATES: 40.274717° , -74.820222°		
ELEVATION IN FEET:	GWL: Depth 10.5'	TIME: 10:00	DATE STARTED: 9/2/20
Urban Personnel: Miten Patel	Depth 12'	TIME: 10:30	DATE COMPLETED: 9/2/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0			0'-2': Top soil, gravel, silt			
4		4'	2'-4': Red silt and gravel mix		PID = 0.0	Sample S-14A @ 2'
8		4'	4'-8': Red silt and gravel mix		PID = 0.0	Sample S-14B @ 8'
12		4'	8'-12': Reddish silty clay		PID = 0.0	Water @ 10.5'
16						EOB @ 12'
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-15	COORDINATES: 40.274794° , -74.820649°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME: 9:00	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 4'	TIME: 9:50	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0 1 2 3 4		3'	0'-1' : Asphalt 1'-3': Red silty clay 3'-4': Weathered Rock		PID = 0.0	Sample S-15A @ 1' Sample S-15B @ 1.5'
5 6 7 8						EOB @ 4'
9 10 11 12						
13 14 15 16						
17 18 19 20						
21 22 23 24						
25 26 27 28						
29 30 31 32						
33 34 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-16	COORDINATES: 40.276358°, -74.819731°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 2'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
—	—	2'	0'-1.5' : Asphalt/subbase 1.5': Refusal		PID = 6.2	Sample S-16A @ 1' Sample S-16B @ 1.5' EOB @ 2'
4						
8						
12						
16						
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-17	COORDINATES: 40.277022° , -74.819892°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 5'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		2'	0'-2' : Asphalt/subbase 2'-4': Red silty sand		PID = 3.6	Sample S-17A @ 1' Sample S-17B @ 2'
			5': Refusal			EOB @ 5'
— — 8						
— — — 12						
— — — 16						
— — — 20						
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-18	COORDINATES: 40.276552° , -74.818957°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 4'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0		2'	0'-1' : Asphalt, gravel/subbase		PID = 0.0	Sample S-18A @ 1'
1			1'-3': Gravel			Sample S-18B @ 3'
4			4': Refusal			
8						EOB @ 4'
12						
16						
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-19	COORDINATES: 40.276917° , -74.818878°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 4.5'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
4		3'	0'-1' : Asphalt, gravel/subbase		PID = 0.0	Sample S-20A @ 1'
			1'-3': Brown sand with gravel			Sample S-19B @ 4'
			4.5': Refusal			
8						EOB @ 4.5'
12						
16						
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt
						Fill Material
						Silt
						Sand
						Clay
						Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: S-19	COORDINATES: 40.277316° , -74.818787°		
ELEVATION IN FEET:	GWL: Depth None Observed	TIME:	DATE STARTED: 9/8/20
Urban Personnel: Miten Patel	Depth 3.5'	TIME:	DATE COMPLETED: 9/8/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — — 4		3'	0'-2' : Asphalt, gravel/subbase 2'-4': Brown silty sand 4.5': Refusal		PID = 3.0	Sample S-20A @ 1' Sample S-20B @ 3'
— — — — 8						EOB @ 4.5'
— — — — 12						
— — — — 16						
— — — — 20						
— — — — 25						
— — — — 30						
— — — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: GW-1	COORDINATES: 40.275172° , -74.817755°		
ELEVATION IN FEET:	GWL: Depth 8'	TIME:	DATE STARTED: 9/3/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/3/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil, gravel 2'-4': Brownish red silt with crushed gravel		PID = 0.0	Sample GW-1A @ 1' Sample GW-1B @ 4'
— — 8		4'	4'-6': Redish silt with trace gravel 6'-8': Brown silt, moisture		PID= 0.0	
— — 12		2'	8'-10': Fine silt, moisture		PID = 0.0	Water @ 8'
— — 16						EOB @ 10'
— — 20						
— — 25						
— — 30						
— — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: GW-1	COORDINATES: 40.275531° , -74.817685°		
ELEVATION IN FEET:	GWL: Depth 10'	TIME:	DATE STARTED: 9/3/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/3/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0		4'	0'-4': Asphalt, gravel		PID = 0.0	Sample GW-2A @ 1'
4						Sample GW-2B @ 4'
8		4'	4'-8': Brownish red silt with gravel		PID= 0.0	
12		2'	8'-10': Brown fine silt with some gravel		PID = 0.0	Water @ 10'
16						EOB @ 10'
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt
						Fill Material
						Silt
						Sand
						Clay
						Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: GW-3	COORDINATES: 40.275597° , -74.818022°		
ELEVATION IN FEET:	GWL: Depth 8'	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Asphalt, gravel subbase 2'-4': Brownish red silt with fine gravel		PID = 0.0	Sample GW-3A @ 1'
— — 8		4'	4'-6': Brownish red silt with fine gravel 6'-8': Red silt with fine gravel		PID= 0.0	Sample GW-3B @ 6' Water @ 8'
— — 12						
— — 16						
— — 20						
— — 25						
— — 30						
— — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

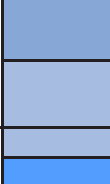
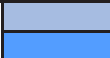
Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: GW-4	COORDINATES: 40.275299° , -74.818097°		
ELEVATION IN FEET:	GWL: Depth 10'	TIME:	DATE STARTED: 9/4/20
Urban Personnel: Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/4/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Asphalt, gravel subbase 2'-4': Brownish red silt and gravel		PID = 0.0	Sample GW-4A @ 1'
— — 8		4'	4'-6': Brownish red silt and gravel 6'-8': Red silt with fine gravel		PID= 0.0	Sample GW-4B @ 8'
— — 12		2'	8'-10': Reddish brown silt, moisture 10'-12': Brown fine silt, moisture		PID = 0.0	Water @ 8'
— — 16						EOB @ 12'
— — 20						
— — 25						
— — 30						
— — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

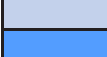
Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-1	COORDINATES: 40.277479° , -74.806576°		
ELEVATION IN FEET:	GWL: Depth 5.5'	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 5.5'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4 — —		4'	0'-2': Topsoil and gravel 2'-4': Brown silt, moisture		PID = 5.5	Sample A1-1A @ 1' Sample A1-1B @ 5'
— — — 8 — —		1'	4'-5.5': Brown silt 5.5': Refusal		PID = 4.5	Water @ 5.5' EOB @ 5.5'
— — — 12 — —						
— — — 16 — —						
— — — 20 — —						
— — — 25 — —						
— — — 30 — —						
— — — 35 — —						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					 Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-2	COORDINATES: 40.277643° , -74.806946°		
ELEVATION IN FEET:	GWL: Depth 8'	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 8'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil and gravel 2'-4': Brown silt with gravel, moisture	 	PID = 8.0	Sample A2-1A @ 1' — — —
— — — 8		2'	4'-6': Grayish brown silt with fine gravel 6'-8': Gravel with fill 8': Refusal	  	PID = 6.5	Sample A2-1B @ 7' — — Water @ 8' —
— — — 12						EOB @ 8' — — —
— — — 16						— — —
— — — 20						— — —
— — — 25						— — —
— — — 30						— — —
— — — 35						— — —
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					     	Gravel/Asphalt Fill Material Silt Sand Clay Rock

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-3	COORDINATES: 40.278056° , -74.806816°		
ELEVATION IN FEET:	GWL: Depth 8'	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 8'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
0			0'-2': Topsoil and silt			Sample A3-1A @ 1'
4		4'	2'-4': Light brown silt with gravel, moisture		PID = 0.5	Sample A3-1B @ 4'
8		4'	4'-8': Gray silt		PID = 0.0	Water @ 8'
12						EOB @ 8'
16						
20						
25						
30						
35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel						Gravel/Asphalt Fill Material Silt Sand Clay Rock

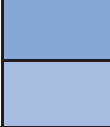
Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-4	COORDINATES: 40.278548° , -74.806492°		
ELEVATION IN FEET:	GWL: Depth None observed	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 10'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil and silt 2'-4': Light brown silt		PID = 6.0	Sample A4-1A @ 1' Sample A4-1B @ 4'
— — 8		2'	4'-8': Light brown silt		PID = 3.0	
— — 12		2'	8'-10': Brown silt with gravel		PID = 0.5	Water @ 10' EOB @ 10'
— — 16						
— — 20						
— — 25						
— — 30						
— — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					Gravel/Asphalt Fill Material Silt Sand Clay Rock	

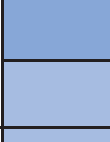
Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-5	COORDINATES: 40.278425° , -74.807003°		
ELEVATION IN FEET:	GWL: Depth 11.5'	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 11.5'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil and fill 2'-4': Brown silt		PID = 6.0	Sample A5-1A @ 1'
— — — 8		2'	4'-8': Gray silt		PID = 3.5	Sample A5-1B @ 8'
— — — 12		2'	8'-10': Brown silt with gravel		PID = 3.5	Water @ 11.5'
— — — 16						EOB @ 11.5'
— — — 20						
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					 Gravel/Asphalt Fill Material Silt Sand Clay Rock	

Boring and Visual Classification of Soils Log

PROJECT NUMBER: 2019020067.008	PROJECT NAME: TTN Terminal - Phase II		PERMIT NUMBER:
BORING NUMBER: ARFF-6	COORDINATES: 40.278218° , -74.807372°		
ELEVATION IN FEET:	GWL: Depth 4.5'	TIME:	DATE STARTED: 9/9/20
Urban Personnel Miten Patel	Depth 4.5'	TIME:	DATE COMPLETED: 9/9/20
DRILLING METHODS: Hollow Stem Auger			

DEPTH (FEET)	SAMP. TYPE & NO.	RECOVERY	SOIL DESCRIPTION	SOIL PROFILE	PID READINGS (PPM)	REMARKS
— — — 4		4'	0'-2': Topsoil and gravel 2'-4': Brown fine silt, moisture		PID = 4.0	Sample A6-1A @ 1' Sample A6-1B @ 3'
— — — 8		1'	4'-4.5': Brown silt, moisture			Water @ 4.5' EOB @ 4.5'
— — — 12						
— — — 16						
— — — 20						
— — — 25						
— — — 30						
— — — 35						
NOTES: DRILLING CONTRACTOR: Sano Drilling, Inc. DRILLING EQUIPMENT: Hollow Stem Auger DRILLER: Steve Parisano URBAN PERSONNEL: Miten Patel					 Gravel/Asphalt Fill Material Silt Sand Clay Rock	

ATTACHMENT C

Well Construction Details

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

WELL RECORD SUBMITTAL PDF**PROPERTY OWNER:** County of Mercer County of MercerOrganization: County of MercerAddress: 1100 Terminal Circle #310, Ewing (Mercer), New Jersey 08628**WELL LOCATION:** Trenton Mercer AirportAddress: 670 Bear Tavern RdCounty: Mercer Municipality: Ewing Twp Lot: 5 Block: 373Easting(X): 403480 Northing(Y): 525329 Coordinate System: NJ State Plane (NAD83) - USFEETMethod: GPS Point of Reference: WellGPS Manufacturer: Magellan Surveyor Name: _____GPS Model: Explorer 650 Surveyor License #: _____Accuracy: 3 Accuracy units: Feet**WELL USE:** Monitoring **DATE WELL STARTED:** 09/02/2020**Other Use(s):** _____ **DATE WELL COMPLETED:** 09/02/2020**WELL CONSTRUCTION****Permit Number** E202009152 Total Depth Drilled(ft): 14 Drilling Company: _____Finished Well Depth(ft): 14 Driller Name: Stephen ParisanoLocal ID: GW-1 Well was finished: Flush Mount License No.: 489204

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	14	8	N/A	N/A
Casing(s)	.5	4	2	PVC	Sch 40
Screen(s)	4	14	2	PVC	0.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	.5	3	8	2	4	90	7
Gravel Pack	3	14	8	2	#2 Sand		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

Additional Information: _____

Attachments: _____

RECORD OF TEST

Test Date: _____ Depth to Pump: _____ ft. below land surface

Pump Capacity: _____ gpm

Static Water Level: 8 ft. below land surface Total Design Head: _____ ft.
Pumping Water Level: _____ ft. below land surface Pump Horsepower: _____
Water Level Measure Tool: tape If pump tested Discharge Rate: _____ gpm
Pumping Equipment: _____ Duration of Test: _____ hours
Well Yield: _____ gpm Date Boring Decommissioned: _____

**PUMPING EQUIPMENT AND ADDITIONAL
INFORMATION**

Well Development Period: 0 hours
Method of Development: _____
Installed: _____ Protective Casing: Yes
Installer's Name: _____ Drilling Fluid: _____
Installer's Registration No.: _____ Drill Rig: D-50
Pump Type: _____ Health and Safety Plan: No

GEOLOGIC LOG

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	14	Red/brown	WR - Weathered Rock	Shale

PENDING
APPROVAL

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

WELL RECORD SUBMITTAL PDF**PROPERTY OWNER:** County of Mercer County of MercerOrganization: County of MercerAddress: 1100 Terminal Circle S301, Ewing (Mercer), New Jersey 08628**WELL LOCATION:** Trenton Mercer AirportAddress: Airport Control TowerCounty: Mercer Municipality: Ewing Twp Lot: 7 Block: 373Easting(X): 403485 Northing(Y): 525460 Coordinate System: NJ State Plane (NAD83) - USFEETMethod: GPS Point of Reference: WellGPS Manufacturer: Magellan Surveyor Name: _____GPS Model: Explorer 650 Surveyor License #: _____Accuracy: 3 Accuracy units: Feet**WELL USE:** Monitoring **DATE WELL STARTED:** 09/03/2020**Other Use(s):** _____ **DATE WELL COMPLETED:** 09/03/2020**WELL CONSTRUCTION****Permit Number** E202009154 Total Depth Drilled(ft): 15 Drilling Company: _____Finished Well Depth(ft): 15 Driller Name: Stephen ParisanoLocal ID: GW-2 Well was finished: Flush Mount License No.: 489204

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	15	8	N/A	N/A
Casing(s)	.5	5	2	PVC	Sch 40
Screen(s)	5	15	2	PVC	0.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	.5	4	8	2	5	94	8
Gravel Pack	4	15	8	2	#2 Sand		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

Additional Information: _____

Attachments: _____

RECORD OF TEST

Test Date: _____ Depth to Pump: _____ ft. below land surface

Pump Capacity: _____ gpm

Static Water Level: 8 ft. below land surface Total Design Head: _____ ft.
Pumping Water Level: _____ ft. below land surface Pump Horsepower: _____
Water Level Measure Tool: tape If pump tested Discharge Rate: _____ gpm
Pumping Equipment: _____ Duration of Test: _____ hours
Well Yield: _____ gpm Date Boring Decommissioned: _____

**PUMPING EQUIPMENT AND ADDITIONAL
INFORMATION**

Well Development Period: 0 hours
Method of Development: _____
Installed: _____ Protective Casing: Yes
Installer's Name: _____ Drilling Fluid: _____
Installer's Registration No.: _____ Drill Rig: D-50
Pump Type: _____ Health and Safety Plan: No

GEOLOGIC LOG

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	15	Red/brown	WR - Weathered Rock	Shale

PENDING
APPROVAL

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

WELL RECORD SUBMITTAL PDF**PROPERTY OWNER:** County of Mercer County of MercerOrganization: County of MercerAddress: 1100 Terminal Circle S301, Ewing (Mercer), New Jersey 08628**WELL LOCATION:** Trenton Mercer AirportAddress: Airport Control TowerCounty: Mercer Municipality: Ewing Twp Lot: 7 Block: 373Easting(X): 403418 Northing(Y): 525475 Coordinate System: NJ State Plane (NAD83) - USFEETMethod: GPS Point of Reference: WellGPS Manufacturer: Magellan Surveyor Name: _____GPS Model: Explorer 650 Surveyor License #: _____Accuracy: 3 Accuracy units: Feet**WELL USE:** Monitoring **DATE WELL STARTED:** 09/04/2020**Other Use(s):** _____ **DATE WELL COMPLETED:** 09/04/2020**WELL CONSTRUCTION****Permit Number** E202009155 Total Depth Drilled(ft): 15 Drilling Company: _____Finished Well Depth(ft): 15 Driller Name: Stephen ParisanoLocal ID: GW-3 Well was finished: Flush Mount License No.: 489204

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	15	8	N/A	N/A
Casing(s)	.5	5	2	PVC	Sch 40
Screen(s)	5	15	2	PVC	0.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	.5	4	8	2	5	94	7
Gravel Pack	4	15	8	2	#2 Sand		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

Additional Information: _____

Attachments: _____

RECORD OF TEST

Test Date: _____ Depth to Pump: _____ ft. below land surface

Pump Capacity: _____ gpm

Static Water Level: 8 ft. below land surface Total Design Head: _____ ft.
Pumping Water Level: _____ ft. below land surface Pump Horsepower: _____
Water Level Measure Tool: tape If pump tested Discharge Rate: _____ gpm
Pumping Equipment: _____ Duration of Test: _____ hours
Well Yield: _____ gpm Date Boring Decommissioned: _____

**PUMPING EQUIPMENT AND ADDITIONAL
INFORMATION**

Well Development Period: 0 hours
Method of Development: _____
Installed: _____ Protective Casing: Yes
Installer's Name: _____ Drilling Fluid: _____
Installer's Registration No.: _____ Drill Rig: D-50
Pump Type: _____ Health and Safety Plan: No

GEOLOGIC LOG

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	15	Red/brown	WR - Weathered Rock	Shale

PENDING
APPROVAL

This document has not yet been reviewed and approved or denied by the NJ DEP. Deficiencies in submittal information or actual construction may result in denial.

WELL RECORD SUBMITTAL PDF**PROPERTY OWNER:** County of Mercer County of MercerOrganization: County of MercerAddress: 1100 Terminal Circle #310, Ewing (Mercer), New Jersey 08628**WELL LOCATION:** Trenton Mercer AirportAddress: 670 Bear Tavern RdCounty: Mercer Municipality: Ewing Twp Lot: 5 Block: 373Easting(X): 403400 Northing(Y): 525340 Coordinate System: NJ State Plane (NAD83) - USFEETMethod: GPS Point of Reference: WellGPS Manufacturer: Magellan Surveyor Name: _____GPS Model: Explorer 650 Surveyor License #: _____Accuracy: 3 Accuracy units: Feet**WELL USE:** Monitoring **DATE WELL STARTED:** 09/08/2020**Other Use(s):** _____ **DATE WELL COMPLETED:** 09/08/2020**WELL CONSTRUCTION****Permit Number** E202009153 Total Depth Drilled(ft): 15 Drilling Company: _____Finished Well Depth(ft): 15 Driller Name: Stephen ParisanoLocal ID: GW-4 Well was finished: Flush Mount License No.: 489204

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating/Screen Slot # (lbs/sch no.)
Borehole(s)	0	15	8	N/A	N/A
Casing(s)	.5	5	2	PVC	Sch 40
Screen(s)	5	15	2	PVC	0.10

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	.5	4	8	2	5	94	7
Gravel Pack	4	15	8	2	#2 Sand		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

Additional Information: _____

Attachments: _____

RECORD OF TEST

Test Date: _____ Depth to Pump: _____ ft. below land surface

Pump Capacity: _____ gpm

Static Water Level: 8 ft. below land surface Total Design Head: _____ ft.
Pumping Water Level: _____ ft. below land surface Pump Horsepower: _____
Water Level Measure Tool: tape If pump tested Discharge Rate: _____ gpm
Pumping Equipment: _____ Duration of Test: _____ hours
Well Yield: _____ gpm Date Boring Decommissioned: _____

**PUMPING EQUIPMENT AND ADDITIONAL
INFORMATION**

Well Development Period: 0 hours
Method of Development: _____
Installed: _____ Protective Casing: Yes
Installer's Name: _____ Drilling Fluid: _____
Installer's Registration No.: _____ Drill Rig: D-50
Pump Type: _____ Health and Safety Plan: No

GEOLOGIC LOG

Depth to Top	Depth to Bottom	Color	USCS	Additional Description
0	15	Red/brown	WR - Weathered Rock	Shale

PENDING
APPROVAL

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: STEPHEN PARISANO, ENV RESOURCE GEOTEC LICENSE # 489204

Permit Issued to: SANO DRILLING INC

Company Address: 12 WHITE PINE DR SEWELL, NJ 08080

PROPERTY OWNER

Name: COUNTY OF MERCER COUNTY OF MERCER

Organization: County of Mercer

Address: 1100 Terminal Circle #310

City: Ewing State: New Jersey Zip Code: 08628

PROPOSED WELL LOCATION

Facility Name: Trenton Mercer Airport

Address: 670 Bear Tavern Rd

County: Mercer Municipality: Ewing Twp Lot: 5 Block: 373

Easting (X): 403480 Northing (Y): 525329
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: GW-1

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s): _____

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: _____

Depth (ft.): 20

Case ID Number: _____

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments: _____

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020

Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner


Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

WELL PERMIT
New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed. [N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit. [N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: STEPHEN PARISANO, ENV RESOURCE GEOTEC LICENSE # 489204

Permit Issued to: SANO DRILLING INC

Company Address: 12 WHITE PINE DR SEWELL, NJ 08080

PROPERTY OWNER

Name: COUNTY OF MERCER COUNTY OF MERCER

Organization: County of Mercer

Address: 1100 Terminal Circle S301

City: Ewing State: New Jersey Zip Code: 08628

PROPOSED WELL LOCATION

Facility Name: Trenton Mercer Airport

Address: Airport Control Tower

County: Mercer Municipality: Ewing Twp Lot: 7 Block: 373

Easting (X): 403485 Northing (Y): 525460
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: GW-2

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s): _____

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: _____

Depth (ft.): 20

Case ID Number: _____

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments: _____

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020

Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner


Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

WELL PERMIT
New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed. [N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit. [N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: STEPHEN PARISANO, ENV RESOURCE GEOTEC LICENSE # 489204

Permit Issued to: SANO DRILLING INC

Company Address: 12 WHITE PINE DR SEWELL, NJ 08080

PROPERTY OWNER

Name: COUNTY OF MERCER COUNTY OF MERCER

Organization: County of Mercer

Address: 1100 Terminal Circle S301

City: Ewing State: New Jersey Zip Code: 08628

PROPOSED WELL LOCATION

Facility Name: Trenton Mercer Airport

Address: Airport Control Tower

County: Mercer Municipality: Ewing Twp Lot: 7 Block: 373

Easting (X): 403418 Northing (Y): 525475
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: GW-3

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s): _____

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: _____

Depth (ft.): 20

Case ID Number: _____

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

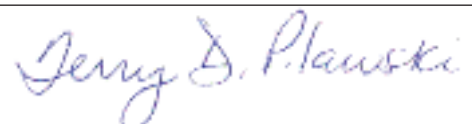
Attachments: _____

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020

Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner



Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

WELL PERMIT
New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed. [N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit. [N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: STEPHEN PARISANO, ENV RESOURCE GEOTEC LICENSE # 489204

Permit Issued to: SANO DRILLING INC

Company Address: 12 WHITE PINE DR SEWELL, NJ 08080

PROPERTY OWNER

Name: COUNTY OF MERCER COUNTY OF MERCER

Organization: County of Mercer

Address: 1100 Terminal Circle #310

City: Ewing State: New Jersey Zip Code: 08628

PROPOSED WELL LOCATION

Facility Name: Trenton Mercer Airport

Address: 670 Bear Tavern Rd

County: Mercer Municipality: Ewing Twp Lot: 5 Block: 373

Easting (X): 403400 Northing (Y): 525340

Local ID: GW-4

Coordinate System: NJ State Plane (NAD83) - USFEET

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s): _____

Diameter (in.): 2

Regulatory Program

Requiring Wells/Borings: _____

Depth (ft.): 20

Case ID Number: _____

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments: _____

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020

Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner


Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

WELL PERMIT
New Well

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Purpose:	
Unusual Conditions:	
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The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

ATTACHMENT D

NJDEP Comparison Tables

NJDEP Non-residential Direct Contact/Impact to GW Soil Remediation Standard
(Sample Collection Date: 9/2/2020)

			Non-Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-12950-1 S-9A 9/2/2020 2:30 PM	410-12950-2 S-9B 9/2/2020 2:40 PM	410-12950-3 S-10A 9/2/2020 2:00 PM	410-12950-4 S-10B 9/2/2020 2:00 PM	410-12950-5 S-11A 9/2/2020 1:25 PM	410-12950-6 S-11B 9/2/2020 1:40 PM	410-12950-7 S-12A 9/2/2020 12:40 PM	410-12950-8 S-12B 9/2/2020 12:50 PM	410-12950-9 S-13A 9/2/2020 10:50 AM	410-12950-10 S-13B 9/2/2020 11:15 AM	410-12950-11 S-14A 9/2/2020 10:11 AM	410-12950-12 S-14B 9/2/2020 10:20 AM	410-12950-13 S-15A 9/2/2020 8:43 AM	410-12950-14 S-15B 9/2/2020 9:23 AM
Analyte	CAS Number	Units																
Cyanide, Total and/or Amenable																		
Cyanide, Total	57-12-5	mg/Kg	680	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorinated Alkyl Substances																		
Perfluorobutanesulfonic acid	375-73-5	ng/g	NS	NS			ND	ND			ND	ND					ND	ND
Perfluorodecanoic acid	335-76-2	ng/g	NS	NS			ND	0.22 J			ND	ND					ND	ND
Perfluorododecanoic acid	307-55-1	ng/g	NS	NS			ND	ND			ND	ND					ND	ND
Perfluoroheptanoic acid	375-85-9	ng/g	NS	NS			ND	0.21 J			ND	ND					ND	ND
Perfluorohexanesulfonic acid	355-46-4	ng/g	NS	NS			ND	ND			ND	ND					ND	ND
Perfluorohexanoic acid	307-24-4	ng/g	NS	NS			ND	ND			ND	ND					ND	ND
Perfluorononanoic acid	375-95-1	ng/g	NS	NS			0.34 J	0.37 J			ND	ND					ND	ND
Perfluorooctanesulfonic acid	1763-23-1	ng/g	NS	NS			0.48 J	0.54 J			ND	ND					ND	ND
Perfluorooctanoic acid	335-67-1	ng/g	NS	NS			0.46 J	0.51 J			ND	ND					ND	ND
Perfluorotetradecanoic acid	376-06-7	ng/g	NS	NS			ND	ND			ND	ND					ND	ND
Perfluorotridecanoic acid	72629-94-8	ng/g	NS	NS			0.25 J	0.21 J			ND	ND					ND	ND
Perfluoroundecanoic acid	2058-94-8	ng/g	NS	NS			0.54 J	0.45 J			ND	ND					ND	ND
Mercury (CVAA)/Metals (ICP)																		
Mercury	7439-97-6	mg/Kg	65	0.1 °	ND	ND	0.072	0.063	ND	ND	ND	ND	0.029 J	ND		0.052 J	ND	ND
Aluminum	7429-90-5	mg/Kg	NS	6000	18000	37000	25000	25000	31000	41000	21000	22000	51000	28000	30000	45000	37000	27000
Antimony	7440-36-0	mg/Kg	450	6 °	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	7440-38-2	mg/Kg	19	19	4.3	6.4	7.3	7.3	8.2	6.2	3.1	10	2.9	7.0	7.3	3.3 J	ND	9.9
Barium	7440-39-3	mg/Kg	59000	2100	120	240	130	130	200	290	260	130	380	120	200	400	300	150
Beryllium	7440-41-7	mg/Kg	140	0.7	1.0	1.9	1.3	1.3	1.9	2.1	1.6	1.8	2.2	1.2	1.6	2.0	2.3 J	1.6
Cadmium	7440-43-9	mg/Kg	78	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	7440-70-2	mg/Kg	NS	NS	980	710	1600	2200	1200	1400	4700	1400	2900	910	3500	1300	14000	1300
Chromium	7440-47-3	mg/Kg	NS	NS	23	57	31	33	53	56	42	51	50	43	39	59	52	44
Cobalt	7440-48-4	mg/Kg	590	90	7.9	17	12	12	19	18	16	18	19	12	15	21	18	14
Copper	7440-50-8	mg/Kg	45000	11000	11	31	21	23	42	37	40	35	32	29	36	44	40	30
Iron	7439-89-6	mg/Kg	NS	NS	20000	51000	28000	31000	49000	51000	37000	41000	45000	40000	7800	55000	36000	45000
Lead	7439-92-1	mg/Kg	800	90	21	41	36	35	50	41	33	39	34	36	41	42	20	39
Magnesium	7439-95-4	mg/Kg	NS	NS	3400	7900	4800	5300	10000	8500	10000	9400	11000	6900	7500	9000	12000	8700
Manganese	7439-96-5	mg/Kg	5900	65	430	650	700	720	680	710	990	1000	860	510	1000	1300	950	300
Nickel	7440-02-0	mg/Kg	23000	48	15	36	21	22	39	41	31	34	40	26	29	41	39	29
Potassium	7440-09-7	mg/Kg	NS	NS	1500	5300	2700	2900	5500	5500	8400	6200	8600	3500	4600	6800	8300	4800
Selenium	7782-49-2	mg/Kg	5700	11	ND	2.6 J	2.1 J	3.2 J	3.5 J	3.3 J	1.5 J	2.5 J	2.5 J	2.7 J	ND	3.6 J	ND	3.0 J
Silver	7440-22-4	mg/Kg	5700	1 °	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	7440-23-5	mg/Kg	NS	NS	110	510	140	170	260	1100	2700	470	7700	190	2600	1500	11000	1100
Thallium	7440-28-0	mg/Kg	NS	3	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	ND	ND	ND	ND	23
Vanadium	7440-62-2	mg/Kg	1100	NS	33	66	50	52	110	86	59	74	49	79	56	58	63	78
Zinc	7440-66-6	mg/Kg	110000	930	46	81	66	64	81	82	83	68	98	56	100	98	91	60
New Jersey Extractable Petroleum Hydrocarbons																		
C10-C12 Aromatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C12-C16 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C12-C16 Aromatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C16-C21 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C16-C21 Aromatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C21-C36 Aromatic	N/A	mg/Kg	NS	NS	ND	ND	4.0 J	3.8 J	ND	ND	ND	ND	ND	ND	8.1 J	ND	ND	ND
C21-C40 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND	4.4 J B	4.6 J B	ND	7.4 J B	4.9 J B	4.3 J B	ND	ND	4.6 J B	ND	ND	ND
C9-C12 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total EPH (C9-C40)	N/A	mg/Kg	NS	NS	ND	ND	55	64	14	ND	30	18	11	ND	66	ND	13	43
Organochlorine Pesticides (GC)																		
Aldrin	309-00-2	ug/Kg	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	319-84-6	ug/Kg	500	2	ND	2.6 J	ND	ND	ND	ND	ND	ND	ND	ND	0.41 J	ND	ND	ND
alpha-Chlordane	5103-71-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	319-85-7	ug/Kg	2000	2 °	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	319-86-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	60-57-1	ug/Kg	200	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57 J	ND	ND	ND
Endosulfan I	959-98-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	33213-65-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	1031-07-8	ug/Kg	6800000	2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	72-20-8	ug/Kg	340000	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	7421-93-4	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	53494-70-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND
gamma-BHC (Lindane)	58-89-9	ug/Kg	2000	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-Chlordane	5103-74-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	76-44-8	ug/Kg	700	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	1024-57-3	ug/Kg	300	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38 J	ND	ND	ND
Methoxychlor	72-43-5	ug/Kg	5700000	160000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-DDD	72-54-8	ug/Kg	13000	4000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J	ND	ND	ND
p,p'-DDE	72-55-9	ug/Kg	9000	18000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	ND
p,p'-DDT	50-29-3	ug/Kg	8000	11000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8 B	ND	ND	ND
Toxaphene	8001-35-2	ug/Kg	3000	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix Table D-1

NJDEP Non-residential Direct Contact/Impact to GW Soil Remediation Standard
(Sample Collection Date: 9/2/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-12950-1 S-9A 9/2/2020	410-12950-2 S-9B 9/2/2020	410-12950-3 S-10A 9/2/2020	410-12950-4 S-10B 9/2/2020	410-12950-5 S-11A 9/2/2020	410-12950-6 S-11B 9/2/2020	410-12950-7 S-12A 9/2/2020	410-12950-8 S-12B 9/2/2020	410-12950-9 S-13A 9/2/2020	410-12950-10 S-13B 9/2/2020	410-12950-11 S-14A 9/2/2020	410-12950-12 S-14B 9/2/2020	410-12950-13 S-15A 9/2/2020	410-12950-14 S-15B 9/2/2020
Polychlorinated Biphenyls (PCBs) by Gas Chromatography																		
PCB-1016	12674-11-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	11104-28-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	11141-16-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	53469-21-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	12672-29-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	11097-69-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	11096-82-5	ug/Kg	NS	NS	ND	ND	7.1 J	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND
Plychlorinated biphenyls (PCBS)	1336-36-3	ug/Kg	1000	1000	ND	ND	7.1 J	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND
Semivolatile Organic Compounds (GC/MS)																		
1,1'-Biphenyl	92-52-4	ug/Kg	2400000	140000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis[1-chloropropane]	108-60-1	ug/Kg	67000	5000	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
2,3,4,6-Tetrachlorophenol	58-90-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	ug/Kg	68000000	68000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	ug/Kg	74000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	ug/Kg	2100000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	ug/Kg	14000000	1000	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
2,4-Dinitrophenol	51-28-5	ug/Kg	1400000	300*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	ug/Kg	3000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	ug/Kg	3000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	95-57-8	ug/Kg	2200000	800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	ug/Kg	2400000	8000	16 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8 J	ND	ND	ND
2-Methylphenol	95-48-7	ug/Kg	3400000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	88-74-4	ug/Kg	23000000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	88-75-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	91-94-1	ug/Kg	4000	200	ND	ND	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
3-Nitroaniline	99-09-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg	68000	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	106-47-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	7005-72-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	106-44-5	ug/Kg	340000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	100-01-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100-02-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	83-32-9	ug/Kg	37000000	110000	23	ND	ND	4.0 J	ND	ND	ND	ND	ND	ND	13 J	ND	ND	ND
Acenaphthylene	208-96-8	ug/Kg	300000000	NS	11 J	ND	12 J	8.4 J	ND	ND	ND	ND	ND	ND	13 J	ND	ND	ND
Acetophenone	98-86-2	ug/Kg	5000	3000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	ug/Kg	30000000	2400000	98	ND	37	25	ND	ND	ND	ND	ND	ND	48	ND	ND	ND
Atrazine	1912-24-9	ug/Kg	2400000	200*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	100-52-7	ug/Kg	68000000	NS	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
Benzo[a]anthracene	56-55-3	ug/Kg	17000	800	190	ND	120	75	ND	ND	ND	ND	ND	ND	130	ND	ND	ND
Benzo[a]pyrene	50-32-8	ug/Kg	2000	200	140	ND	100	73	ND	ND	ND	ND	ND	ND	110	ND	ND	ND
Benzo[b]fluoranthene	205-99-2	ug/Kg	17000	2000	180	ND	130	100	ND	ND	ND	ND	ND	ND	140	ND	ND	ND
Benzo[g,h,i]perylene	191-24-2	ug/Kg	30000000	NS	82	ND	81	56	ND	ND	ND	ND	ND	ND	78	ND	ND	ND
Benzo[k]fluoranthene	207-08-9	ug/Kg	170000	25000	71	ND	60	27	ND	ND	ND	ND	ND	ND	58	ND	ND	ND
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg	NS	NS	ND	ND	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
Bis(2-chloroethyl)ether	111-44-4	ug/Kg	2000	200	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
Bis(2-ethylhexyl) phthalate	117-81-7	ug/Kg	140000	1200000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	85-68-7	ug/Kg	14000000	230000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	105-60-2	ug/Kg	340000000	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	86-74-8	ug/Kg	96000	NS	21 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	218-01-9	ug/Kg	1700000	80000	180	ND	130	87	ND	ND	ND	ND	ND	ND	130	ND	ND	ND
Dibenz(a,h)anthracene	53-70-3	ug/Kg	2000	800	23	ND	23	ND	ND	ND	ND	ND	ND	ND	18 J	ND	ND	ND
Dibenzofuran	132-64-9	ug/Kg	NS	NS	21 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	84-66-2	ug/Kg	550000000	88000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	131-11-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	84-74-2	ug/Kg	68000000	760000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	117-84-0	ug/Kg	27000000	33000000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	ug/Kg	24000000	1300000	400	ND	240	160	ND	ND	ND	ND	ND	ND	260	ND	ND	5.6 J
Fluorene	86-73-7	ug/Kg	24000000	170000	38	ND	9.0 J	6.4 J	ND	ND	ND	ND	ND	ND	15 J	ND	ND	ND
Hexachlorobenzene	118-74-1	ug/Kg	1000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	ug/Kg	25000	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	ug/Kg	110000	320000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	ug/Kg	48000	200	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
Indeno[1,2,3-cd]pyrene	193-39-5	ug/Kg	17000	7000	84	ND	ND	75	49	ND	ND	ND	ND	ND	72	ND	ND	ND
Isophorone	78-59-1	ug/Kg	2000000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	ug/Kg	17000	25000	8.4 J	ND	8.1 J	ND	ND	ND	ND	ND	ND	ND	16 J	ND	ND	9.3 J

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NJDEP Non-Residential Direct Contact/Impact to GW Soil Remediation Standards
(Sample Collection Date: 9/3/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13167-1 S-4A 9/3/2020 10:30 AM	410-13167-2 S-4B 9/3/2020 10:45 AM	410-13167-3 S-5A 9/3/2020 9:45 AM	410-13167-4 S-5B 9/3/2020 9:50 AM	410-13167-5 GW-1A 9/3/2020 1:30 PM	410-13167-6 GW-1B 9/3/2020 1:40 PM	410-13167-7 GW-2A 9/3/2020 11:30 AM	410-13167-8 GW-2B 9/3/2020 11:45 AM
GRO/DRO												
GRO	N/A	mg/Kg	NS	NS					2.4 J B	1.3 J B		
DRO (C10-C28)	N/A	mg/Kg	NS	NS					17	22		
Fluorinated Alkyl Substances												
Perfluorobutanesulfonic acid	375-73-5	ng/g	NS	NS			ND	ND	ND	ND	ND	ND
Perfluorodecanoic acid	335-76-2	ng/g	NS	NS			8.9	ND	4.3	3.6	ND	0.27 J
Perfluorododecanoic acid	307-55-1	ng/g	NS	NS			1.9	ND	1.2 I	2.1	ND	0.20 J
Perfluoroheptanoic acid	375-85-9	ng/g	NS	NS			9.1	1.9	2.2	1.7	0.29 J	0.48 J
Perfluorohexanesulfonic acid	355-46-4	ng/g	NS	NS			6.3	3.6	2.5	3.6	ND	0.35 J
Perfluorohexanoic acid	307-24-4	ng/g	NS	NS			8.4	5.3	1.9	1.9	0.74	1.6
Perfluorononanoic acid	375-95-1	ng/g	NS	NS			11	0.52 J	4.0	6.8	ND	0.37 J
Perfluorooctanesulfonic acid	1763-23-1	ng/g	NS	NS			110	3.2	66	37	0.41 J	2.6
Perfluorooctanoic acid	335-67-1	ng/g	NS	NS			12	1.7	3.2	2.0	0.31 J	0.38 J
Perfluorotetradecanoic acid	376-06-7	ng/g	NS	NS			0.54 J	ND	0.36 J	0.73	ND	ND
Perfluorotridecanoic acid	72629-94-8	ng/g	NS	NS			13	0.28 J	16	36	0.40 J	1.0
Perfluoroundecanoic acid	2058-94-8	ng/g	NS	NS			13	0.24 J	21 I	33	0.34 J	4.3
Glycols- Direct Injection (GC/FID)												
Ethylene glycol	107-21-1	mg/Kg	NS	NS			ND	ND				
Mercury (CVAA)/Metals (ICP)												
Mercury	7439-97-6	mg/Kg	65	0.1	0.038 J	0.048 J	0.058 J	ND	0.028 J	ND	ND	ND
Aluminum	7429-90-5	mg/Kg	NS	6000	29000	56000	21000	25000				
Antimony	7440-36-0	mg/Kg	450	6	ND	ND	ND	ND				
Arsenic	7440-38-2	mg/Kg	19	19	11	5.2	6.5	7.2	6.9	5.6	3.5	3.1
Barium	7440-39-3	mg/Kg	59000	2100	230	370	110 B	110 B	150 B	140 B	67 B	230 B
Beryllium	7440-41-7	mg/Kg	140	0.7	1.7	2.5	1.1	1.3				
Cadmium	7440-43-9	mg/Kg	78	2	ND	ND	ND	ND	ND F1	ND	ND	ND
Calcium	7440-70-2	mg/Kg	NS	NS	4300	1900	4300	4500				
Chromium	7440-47-3	mg/Kg	NS	NS	44	52	28	37	39	38	26	29
Cobalt	7440-48-4	mg/Kg	590	90	15	19	10	14				
Copper	7440-50-8	mg/Kg	45000	11000	37	40	32	32				
Iron	7439-89-6	mg/Kg	NS	NS	41000	51000	25000	36000				
Lead	7439-92-1	mg/Kg	800	90	47	38	30	17	20	15	10	16
Magnesium	7439-95-4	mg/Kg	NS	NS	10000	10000	5700	7200				
Manganese	7439-96-5	mg/Kg	5900	65	830	490	590	780				
Nickel	7440-02-0	mg/Kg	23000	48	30	39	19	27				
Potassium	7440-09-7	mg/Kg	NS	NS	6900	9300	2800	3100				
Selenium	7782-49-2	mg/Kg	5700	11	4.7 J	2.8 J	ND	ND	ND	ND	ND	ND
Silver	7440-22-4	mg/Kg	5700	1 ^a	ND	ND	ND	ND ^	ND	ND	ND	ND
Sodium	7440-23-5	mg/Kg	NS	NS	5100	710	290	2800				
Thallium	7440-28-0	mg/Kg	NS	3	1.7 J	ND	ND	ND				
Vanadium	7440-62-2	mg/Kg	1100	NS	78	56	48	74				
Zinc	7440-66-6	mg/Kg	110000	930	93	98	75	62				
New Jersey Extractable Petroleum Hydrocarbons												
C10-C12 Aromatics	N/A	mg/Kg	NS	NS	ND *1	ND *1					ND *1	ND *1
C12-C16 Aliphatics	N/A	mg/Kg	NS	NS	ND	3.9 J					31 J	6.5 J
C12-C16 Aromatics	N/A	mg/Kg	NS	NS	ND	ND					ND	ND
C16-C21 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND					47 J	ND
C16-C21 Aromatics	N/A	mg/Kg	NS	NS	ND	ND					ND	ND
C21-C36 Aromatic	N/A	mg/Kg	NS	NS	3.9 J	ND					81	5.6 J

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Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13167-1 S-4A 9/3/2020 10:30 AM	410-13167-2 S-4B 9/3/2020 10:45 AM	410-13167-3 S-5A 9/3/2020 9:45 AM	410-13167-4 S-5B 9/3/2020 9:50 AM	410-13167-5 GW-1A 9/3/2020 1:30 PM	410-13167-6 GW-1B 9/3/2020 1:40 PM	410-13167-7 GW-2A 9/3/2020 11:30 AM	410-13167-8 GW-2B 9/3/2020 11:45 AM
C21-C40 Aliphatics	N/A	mg/Kg	NS	NS	7.5 J	5.3 J					610	84
C9-C12 Aliphatics	N/A	mg/Kg	NS	NS	ND *1	ND *1					ND *1	ND *1
Total EPH (C9-C40)	N/A	mg/Kg	NS	NS	63	38					9200	150
Polychlorinated Biphenyls (PCBs) by Gas Chromatography												
PCB-1016	12674-11-2	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1221	11104-28-2	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1232	11141-16-5	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1242	53469-21-9	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1248	12672-29-6	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1254	11097-69-1	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
PCB-1260	11096-82-5	ug/Kg	NS	NS	ND	ND			ND	ND	ND	ND
Semivolatile Organic Compounds (GC/MS)												
1,1'-Biphenyl	92-52-4	ug/Kg	240000	140000	ND	ND						
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg	NS	NS	ND	ND						
1,4-Dioxane	123-91-1	ug/Kg	NS	NS	ND	ND						
2,2'-oxybis[1-chloropropane]	108-60-1	ug/Kg	67000	5000	ND *	ND *						
2,3,4,6-Tetrachlorophenol	58-90-2	ug/Kg	NS	NS	ND	ND						
2,4,5-Trichlorophenol	95-95-4	ug/Kg	68000000	68000	ND	ND						
2,4,6-Trichlorophenol	88-06-2	ug/Kg	74000	200	ND	ND						
2,4-Dichlorophenol	120-83-2	ug/Kg	2100000	200	ND	ND						
2,4-Dimethylphenol	105-67-9	ug/Kg	14000000	1000	ND *	ND *						
2,4-Dinitrophenol	51-28-5	ug/Kg	1400000	300 ^o	ND	ND						
2,4-Dinitrotoluene	121-14-2	ug/Kg	3000	NS	ND	ND						
2,6-Dinitrotoluene	606-20-2	ug/Kg	3000	NS	ND	ND						
2-Chloronaphthalene	91-58-7	ug/Kg	NS	NS	ND	ND						
2-Chlorophenol	95-57-8	ug/Kg	2200000	800	ND	ND						
2-Methylnaphthalene	91-57-6	ug/Kg	2400000	8000	4.5 J	ND	ND	ND				
2-Methylphenol	95-48-7	ug/Kg	3400000	NS	ND	ND						
2-Nitroaniline	88-74-4	ug/Kg	23000000	NS	ND	ND						
2-Nitrophenol	88-75-5	ug/Kg	NS	NS	ND	ND						
3,3'-Dichlorobenzidine	91-94-1	ug/Kg	4000	200	ND *	ND *						
3-Nitroaniline	99-09-2	ug/Kg	NS	NS	ND	ND						
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg	68000	300	ND	ND						
4-Bromophenyl-phenylether	101-55-3	ug/Kg	NS	NS	ND	ND						
4-Chloro-3-methylphenol	59-50-7	ug/Kg	NS	NS	ND	ND						
4-Chloroaniline	106-47-8	ug/Kg	NS	NS	ND	ND						
4-Chlorophenyl-phenyl ether	7005-72-3	ug/Kg	NS	NS	ND	ND						
4-Methylphenol	106-44-5	ug/Kg	340000	NS	ND	ND						
4-Nitroaniline	100-01-6	ug/Kg	NS	NS	ND	ND						
4-Nitrophenol	100-02-7	ug/Kg	NS	NS	ND	ND						
Acenaphthene	83-32-9	ug/Kg	37000000	110000	ND	ND			ND	ND	ND	ND
Acenaphthylene	208-96-8	ug/Kg	300000000	NS	21	ND			4.4 J	ND	ND	ND
Acetophenone	98-86-2	ug/Kg	5000	3000	ND	ND						
Anthracene	120-12-7	ug/Kg	30000000	2400000	18	4.5 J			3.9 J	ND	ND	ND
Atrazine	1912-24-9	ug/Kg	2400000	200 ^o	ND	ND						
Benzaldehyde	100-52-7	ug/Kg	68000000	NS	ND *	ND *						
Benzo[a]anthracene	56-55-3	ug/Kg	17000	800	77	13 J			12 J F2 F1	8.6 J	ND	ND
Benzo[a]pyrene	50-32-8	ug/Kg	2000	200	89	14 J			13 J F2 F1	7.2 J	ND	ND
Benzo[b]fluoranthene	205-99-2	ug/Kg	17000	2000	130	24			17 J F2 F1	9.8 J	ND	ND

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Benzo[g,h,i]perylene	191-24-2	ug/Kg	30000000	NS	71	14 J			ND F2 F1	ND	ND	ND
Benzo[k]fluoranthene	207-08-9	ug/Kg	170000	25000	36	9.3 J			ND F2	ND	ND	ND
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg	NS	NS	ND	ND						
Bis(2-chloroethyl)ether	111-44-4	ug/Kg	2000	200	ND	ND						
Bis(2-ethylhexyl) phthalate	117-81-7	ug/Kg	140000	1200000	ND	ND						
Butylbenzylphthalate	85-68-7	ug/Kg	14000000	230000	ND	ND						
Caprolactam	105-60-2	ug/Kg	340000000	12000	ND	ND						
Carbazole	86-74-8	ug/Kg	96000	NS	ND	ND						
Chrysene	218-01-9	ug/Kg	1700000	80000	92	15 J			11 J F2 F1	11 J	ND	ND
Dibenz(a,h)anthracene	53-70-3	ug/Kg	2000	800	23	ND			ND	ND	ND	ND
Dibenzofuran	132-64-9	ug/Kg	NS	NS	ND	ND						
Diethyl phthalate	84-66-2	ug/Kg	550000000	88000	ND	ND						
Dimethyl phthalate	131-11-3	ug/Kg	NS	NS	ND	ND						
Di-n-butyl phthalate	84-74-2	ug/Kg	68000000	760000	ND	ND						
Di-n-octyl phthalate	117-84-0	ug/Kg	27000000	3300000	ND	ND						
Fluoranthene	206-44-0	ug/Kg	24000000	1300000	160	26			14 J F2 F1	12 J	ND	ND
Fluorene	86-73-7	ug/Kg	24000000	170000	5.0 J	ND			ND	ND	ND	ND
Hexachlorobenzene	118-74-1	ug/Kg	1000	200	ND	ND						
Hexachlorobutadiene	87-68-3	ug/Kg	25000	900	ND *	ND *						
Hexachlorocyclopentadiene	77-47-4	ug/Kg	110000	320000	ND	ND						
Hexachloroethane	67-72-1	ug/Kg	48000	200	ND *	ND *						
Indeno[1,2,3-cd]pyrene	193-39-5	ug/Kg	17000	7000	60	15 J			ND F2 F1	ND	ND	ND
Isophorone	78-59-1	ug/Kg	2000000	200	ND	ND						
Naphthalene	91-20-3	ug/Kg	17000	25000	ND	ND	ND	ND	ND	12 J	ND	ND
Nitrobenzene	98-95-3	ug/Kg	14000	200	ND	ND						
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg	300	200	ND	ND						
N-Nitrosodiphenylamine	86-30-6	ug/Kg	390000	400	ND	ND						
Pentachlorophenol	87-86-5	ug/Kg	3000	300	ND	ND						
Phenanthrene	85-01-8	ug/Kg	300000000	NS	67	9.5 J			5.6 J F2 F1	11 J	ND	ND
Phenol	108-95-2	ug/Kg	210000000	8000	ND	ND						
Pyrene	129-00-0	ug/Kg	18000000	840000	150	23			15 J F2 F1	16 J	ND	ND
Tentatively Identified Compound	N/A	ug/Kg	NS	NS	920 T J	250 T J						
Volatile Organic Compounds by GC/MS												
1,1,1-Trichloroethane	71-55-6	ug/Kg	NS	300			ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	3000	7			ND	ND	ND	ND	ND *3	ND
1,1,2-Trichloroethane	79-00-5	ug/Kg	6000	20			ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	ug/Kg	24000	200			ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	ug/Kg	150000	8			ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	ug/Kg	NS	NS			ND	ND	ND	ND	ND *3	ND
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	820000	700			ND	ND	ND	ND	ND *3	ND
1,2-Dibromo-3-Chloropropane	96-12-8	ug/Kg	200	5			ND	ND	ND	ND	ND *3	ND
1,2-Dibromoethane	106-93-4	ug/Kg	40	5			ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	ug/Kg	59000000	17000			ND	ND	ND	ND	ND *3	ND
1,2-Dichloroethane	107-06-2	ug/Kg	3000	5			ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	ug/Kg	5000	5			ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	ug/Kg	59000000	19000			ND	ND	ND	ND	ND *3	ND
1,4-Dichlorobenzene	106-46-7	ug/Kg	13000	2000			ND	ND	ND	ND	ND *3	ND
1,4-Dioxane	123-91-1	ug/Kg	NS	NS			ND	ND *				
2-Butanone	78-93-3	ug/Kg	44000000	900			12	12 J	21	14	15	22

Appendix Table D-2

NJDEP Non-Residential Direct Contact/Impact to GW Soil Remediation Standards
(Sample Collection Date: 9/3/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13167-1 S-4A 9/3/2020 10:30 AM	410-13167-2 S-4B 9/3/2020 10:45 AM	410-13167-3 S-5A 9/3/2020 9:45 AM	410-13167-4 S-5B 9/3/2020 9:50 AM	410-13167-5 GW-1A 9/3/2020 1:30 PM	410-13167-6 GW-1B 9/3/2020 1:40 PM	410-13167-7 GW-2A 9/3/2020 11:30 AM	410-13167-8 GW-2B 9/3/2020 11:45 AM
2-Hexanone	591-78-6	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	108-10-1	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Acetone	67-64-1	ug/Kg	NS	19000			160	140 B	270	230	170	280
Benzene	71-43-2	ug/Kg	5000	5			ND	ND	ND	0.93 J	ND	ND
Bromochloromethane	74-97-5	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	ug/Kg	3000	5			ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	ug/Kg	280000	30			ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	ug/Kg	59000	40			ND	ND	ND	ND	ND	ND
Carbon disulfide	75-15-0	ug/Kg	110000000	6000			ND	3.0 J	1.1 J	2.1 J	ND	ND
Carbon tetrachloride	56-23-5	ug/Kg	4000	5			ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	ug/Kg	7400000	600			ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	ug/Kg	1100000	NS			ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	ug/Kg	2000	400			ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	ug/Kg	12000	NS			ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	ug/Kg	560000	300			ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Cyclohexane	110-82-7	ug/Kg	NS	NS			ND	ND	ND	1.2 J	ND	ND
Dibromochloromethane	124-48-1	ug/Kg	8000	5			ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	75-71-8	ug/Kg	230000000	39000			ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	ug/Kg	110000000	13000			ND	ND	ND	ND	ND	ND
Freon 113	76-13-1	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
m&p-Xylene	179601-23-1	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Methyl acetate	79-20-9	ug/Kg	NS	22000			5.1 J	3.9 J	66	6.9	ND	6.3 J
Methyl tertiary butyl ether	1634-04-4	ug/Kg	320000	200			ND	ND	ND	ND	ND	ND
Methylcyclohexane	108-87-2	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Methylene Chloride	75-09-2	ug/Kg	230000	10			ND	ND	ND	ND	ND	ND
o-Xylene	95-47-6	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Styrene	100-42-5	ug/Kg	260000	3000			ND	ND	ND	ND	ND	ND
Tentatively Identified Compound	N/A	ug/Kg	NS	NS			58 T J N	45 T J N	170 T J N	15 T J N	None	9.5 T J
Tetrachloroethene	127-18-4	ug/Kg	1500000	5			ND	ND	ND	ND	ND	ND
Toluene	108-88-3	ug/Kg	91000000	7000			ND	ND	ND	2.5 J	ND	ND
trans-1,2-Dichloroethene	156-60-5	ug/Kg	720000	600			ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	ug/Kg	NS	NS			ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	ug/Kg	10000	10			ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	75-69-4	ug/Kg	340000000	34000			ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	ug/Kg	2000	5			ND	ND	ND	ND	ND	ND
Xylenes, Total	1330-20-7	ug/Kg	170000000	19000			ND	ND	ND	ND	ND	ND

Appendix Table D-3

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Date: 9/4/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13195-1 GW-3A 9/4/2020 9:30 AM	410-13195-2 GW-3B 9/4/2020 9:40 AM	410-13195-5 S-1A 9/4/2020 11:40 AM	410-13195-6 S-1B 9/4/2020 11:50 AM	410-13195-7 S-2A 9/4/2020 1:10 PM	410-13195-8 S-2B 9/4/2020 1:20 PM	410-13195-9 S-3A 9/4/2020 12:10 PM	410-13195-10 S-3B 9/4/2020 12:20 PM	410-13195-3 GW-4A 9/4/2020 8:20 AM	410-13195-4 GW-4B 9/4/2020 8:30 AM	410-13195-11 S-6A 9/4/2020 1:40 PM	410-13195-12 S-6B 9/4/2020 1:50 PM
Cyanide, Total and/or Amenable																
Cyanide, Total	57-12-5	mg/Kg	680	20			ND	ND	ND	ND	ND	ND				
GRO/DRO																
GRO	N/A	mg/Kg	NS	NS									0.48 J B	0.44 J B		
DRO (C10-C28)	N/A	mg/Kg	NS	NS									21	10 J		
Fluorinated Alkyl Substances																
Perfluorobutanesulfonic acid	375-73-5	ng/g	NS	NS	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Perfluorodecanoic acid	335-76-2	ng/g	NS	NS	ND	ND	ND	ND			1.0 I	ND	ND	ND	ND	ND
Perfluorododecanoic acid	307-55-1	ng/g	NS	NS	ND	ND	ND	ND			1.0 I	ND	ND	ND	ND	ND
Perfluoroheptanoic acid	375-85-9	ng/g	NS	NS	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Perfluorohexanesulfonic acid	355-46-4	ng/g	NS	NS	ND	ND	ND	ND			ND	ND	0.36 J	ND	ND	ND
Perfluorohexanoic acid	307-24-4	ng/g	NS	NS	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Perfluorononanoic acid	375-95-1	ng/g	NS	NS	0.61 J	ND	ND	ND			0.49 J I	ND	ND	0.33 J	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	ng/g	NS	NS	0.53 J	ND	0.59 J	0.86			ND	ND	0.47 J	2.1	ND	ND
Perfluorooctanoic acid	335-67-1	ng/g	NS	NS	ND	ND	ND	0.25 J			ND	ND	0.39 J	ND	ND	ND
Perfluorotetradecanoic acid	376-06-7	ng/g	NS	NS	ND	ND	ND				0.30 J I	ND	ND	ND	ND	ND
Perfluorotridecanoic acid	72629-94-8	ng/g	NS	NS	ND	ND	1.5	1.1 I			23 I	0.36 J I	ND	ND	ND	ND
Perfluoroundecanoic acid	2058-94-8	ng/g	NS	NS	0.57 J	ND	1.4 I	1.0 I			34 I	1.2 I	ND	ND	ND	ND
Glycols- Direct Injection (GC/FID)																
Ethylene glycol	107-21-1	mg/Kg	NS	NS											ND	ND
Mercury (CVAA)/Metals (ICP)																
Mercury	7439-97-6	mg/Kg	65	0.1	ND F1	ND	0.027 J	0.032 J	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum	7429-90-5	mg/Kg	NS	6000	50000	18000	9700	21000	20000	29000	34000	26000			17000	25000
Antimony	7440-36-0	mg/Kg	450	6	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
Arsenic	7440-38-2	mg/Kg	19	19	16	4.7	5.4	8.0	3.7	6.4	5.2	8.1	6.2	7.9	3.3	3.3
Barium	7440-39-3	mg/Kg	59000	2100	380 B	120 B	50 B	130 B	140 B	180 B	280 B	170 B	240	240	54 B	100 B
Beryllium	7440-41-7	mg/Kg	140	0.7	2.2	0.92	0.54	1.2	1.4	1.7	1.9	1.8			0.48	0.97
Cadmium	7440-43-9	mg/Kg	78	2	0.19 J	ND	0.21 J	0.18 J	ND	ND	0.21 J	0.13 J	0.47 J	0.36 J	ND	ND
Calcium	7440-70-2	mg/Kg	NS	NS	2600	1100	47000	39000	8900	4000	4800	3800			580	1100
Chromium	7440-47-3	mg/Kg	NS	NS	43	24	14	28	37	39	45	46	48	46	22	32
Cobalt	7440-48-4	mg/Kg	590	90	16	5.2	4.1	9.5	19	15	16	15			3.0	6.2
Copper	7440-50-8	mg/Kg	45000	11000	88	17	12	21	110	45	58	37			8.5	17
Iron	7439-89-6	mg/Kg	NS	NS	53000	21000	12000	27000	39000	40000	43000	46000			15000	21000
Lead	7439-92-1	mg/Kg	800	90	21	12	27	41	16	21	17	16	21 F2	20	9.7	12
Magnesium	7439-95-4	mg/Kg	NS	NS	9900	2800	27000	25000	9200	9200	9800	11000			2100	3700
Manganese	7439-96-5	mg/Kg	5900	65	680	250	240	430	910	620	850	510			130	220
Nickel	7440-02-0	mg/Kg	23000	48	39	14	9.7	21	28	30	35	34			8.6	17
Potassium	7440-09-7	mg/Kg	NS	NS	8800	1700	920	2700	4700	5500	7300	6600			1000	2500
Selenium	7782-49-2	mg/Kg	5700	11	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J B	ND	ND	ND
Silver	7440-22-4	mg/Kg	5700	1	0.64 J	ND ^	ND	0.50 J	0.80 J	0.77 J	0.79	0.88 J	0.70 J	0.92	ND ^	ND ^
Sodium	7440-23-5	mg/Kg	NS	NS	2600	380	120	800	1700	700	2500	590			160	300
Thallium	7440-28-0	mg/Kg	NS	3	ND	ND	ND	ND	ND	ND	ND	1.4 J			ND	ND
Vanadium	7440-62-2	mg/Kg	1100	NS	52	38	29	50	77	68	68	83			35	33
Zinc	7440-66-6	mg/Kg	110000	930	95	34	74	110	85	64	80	76			27	41
New Jersey Extractable Petroleum Hydrocarbons																
C10-C12 Aromatics	N/A	mg/Kg	NS	NS	ND *1	ND *1										
C12-C16 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND										
C12-C16 Aromatics	N/A	mg/Kg	NS	NS	ND	ND										
C16-C21 Aliphatics	N/A	mg/Kg	NS	NS	ND	ND										
C16-C21 Aromatics	N/A	mg/Kg	NS	NS	ND	ND										
C21-C36 Aromatic	N/A	mg/Kg	NS	NS	ND	ND										
C21-C40 Aliphatics	N/A	mg/Kg	NS	NS	44	30										
C9-C12 Aliphatics	N/A	mg/Kg	NS	NS	ND *1	ND *1										
Total EPH (C9-C40)	N/A	mg/Kg	NS	NS	29	28	390 F1	130	100	180	290	210				
Organochlorine Pesticides (GC)																
Aldrin	309-00-2	ug/Kg	200	200			ND *	ND *	ND *	ND *	ND *	ND *				
alpha-BHC	319-84-6	ug/Kg	500	2			ND *	ND *	ND *	ND *	ND *	ND *				
alpha-Chlordane	5103-71-9	ug/Kg	NS	NS			ND *	0.45 J *	ND *	ND *	ND *	ND *				
beta-BHC	319-85-7	ug/Kg	2000	2 °			ND * F1	ND *	ND *	ND *	ND *	ND *				
delta-BHC	319-86-8	ug/Kg	NS	NS			ND * F1	ND *	ND *	ND *	ND *	ND *				

Appendix Table D-3

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Date: 9/4/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13195-1 GW-3A 9/4/2020 9:30 AM	410-13195-2 GW-3B 9/4/2020 9:40 AM	410-13195-5 S-1A 9/4/2020 11:40 AM	410-13195-6 S-1B 9/4/2020 11:50 AM	410-13195-7 S-2A 9/4/2020 1:10 PM	410-13195-8 S-2B 9/4/2020 1:20 PM	410-13195-9 S-3A 9/4/2020 12:10 PM	410-13195-10 S-3B 9/4/2020 12:20 PM	410-13195-3 GW-4A 9/4/2020 8:20 AM	410-13195-4 GW-4B 9/4/2020 8:30 AM	410-13195-11 S-6A 9/4/2020 1:40 PM	410-13195-12 S-6B 9/4/2020 1:50 PM
Dieldrin	60-57-1	ug/Kg	200	3			ND *	ND *	ND *	ND *	ND *	ND *				
Endosulfan I	959-98-8	ug/Kg	NS	NS			ND *	ND *	ND *	ND *	ND *	ND *				
Endosulfan II	33213-65-9	ug/Kg	NS	NS			ND * F1	ND *	ND *	ND *	ND *	ND *				
Endosulfan sulfate	1031-07-8	ug/Kg	6800000	2000			ND *	ND *	ND *	ND *	ND *	ND *				
Endrin	72-20-8	ug/Kg	340000	1000			ND *	ND *	ND *	ND *	ND *	ND *				
Endrin aldehyde	7421-93-4	ug/Kg	NS	NS			ND *	ND *	ND *	ND *	ND *	ND *				
Endrin ketone	53494-70-5	ug/Kg	NS	NS			ND *	ND *	ND *	ND *	ND *	ND *				
gamma-BHC (Lindane)	58-89-9	ug/Kg	2000	2			ND *	ND *	ND *	ND *	ND *	ND *				
gamma-Chlordane	5103-74-2	ug/Kg	NS	NS			ND *	ND *	ND *	ND *	ND *	ND *				
Heptachlor	76-44-8	ug/Kg	700	500			ND *	ND *	ND *	ND *	ND *	ND *				
Heptachlor epoxide	1024-57-3	ug/Kg	300	10			ND *	ND *	ND *	ND *	ND *	1.4 *				
Methoxychlor	72-43-5	ug/Kg	5700000	160000			ND *	ND *	ND *	ND *	ND *	ND *				
p,p'-DDD	72-54-8	ug/Kg	13000	4000			ND *	0.94 J *	ND *	ND *	ND *	ND *				
p,p'-DDE	72-55-9	ug/Kg	9000	18000			6.0 J *	4.8 *	0.39 J *	ND *	ND *	ND *				
p,p'-DDT	50-29-3	ug/Kg	8000	11000			28 * F1	24 *	ND *	ND *	ND *	ND *				
Toxaphene	8001-35-2	ug/Kg	3000	300			ND	ND	ND	ND	ND	ND				
Polychlorinated Biphenyls (PCBs) by Gas Chromatography																
PCB-1016	12674-11-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1221	11104-28-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1232	11141-16-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1242	53469-21-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1248	12672-29-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1254	11097-69-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB-1260	11096-82-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Semivolatile Organic Compounds (GC/MS)																
1,1'-Biphenyl	92-52-4	ug/Kg	240000	140000	ND	ND	ND	ND	ND	ND	ND F1	ND				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
1,4-Dioxane	123-91-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
2,2'-oxybis[1-chloropropane]	108-60-1	ug/Kg	67000	5000	ND *	ND *	ND *	ND *	ND *	ND *	ND F1 *	ND *				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
2,4,5-Trichlorophenol	95-95-4	ug/Kg	68000000	68000	ND	ND	ND	ND	ND	ND	ND	ND				
2,4,6-Trichlorophenol	88-06-2	ug/Kg	74000	200	ND	ND	ND	ND	ND	ND	ND	ND				
2,4-Dichlorophenol	120-83-2	ug/Kg	21000000	200	ND	ND	ND	ND	ND	ND	ND	ND F1	ND			
2,4-Dimethylphenol	105-67-9	ug/Kg	14000000	1000	ND *	ND *	ND *	ND *	ND *	ND *	ND F1 *	ND *				
2,4-Dinitrophenol	51-28-5	ug/Kg	1400000	300 °	ND	ND	ND	ND	ND	ND	ND F2	ND				
2,4-Dinitrotoluene	121-14-2	ug/Kg	3000	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
2,6-Dinitrotoluene	606-20-2	ug/Kg	3000	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
2-Chloronaphthalene	91-58-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
2-Chlorophenol	95-57-8	ug/Kg	2200000	800	ND	ND	ND	ND	ND	ND	ND F1	ND				
2-Methylnaphthalene	91-57-6	ug/Kg	2400000	8000	ND	ND	ND	ND	ND	7.1 J	8.2 J F1	ND			ND	ND
2-Methylphenol	95-48-7	ug/Kg	3400000	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
2-Nitroaniline	88-74-4	ug/Kg	23000000	NS	ND	ND	ND	ND	ND	ND	ND	ND				
2-Nitrophenol	88-75-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
3,3'-Dichlorobenzidine	91-94-1	ug/Kg	4000	200 °	ND	ND	ND	ND	ND	ND	ND F1 *	ND *				
3-Nitroaniline	99-09-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg	68000	300 °	ND	ND	ND	ND	ND	ND	ND F2	ND				
4-Bromophenyl-phenylether	101-55-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
4-Chloro-3-methylphenol	59-50-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
4-Chloroaniline	106-47-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
4-Chlorophenyl-phenyl ether	7005-72-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
4-Methylphenol	106-44-5	ug/Kg	340000	NS	ND	ND	ND	ND	ND	ND *	ND F1 *	ND *				
4-Nitroaniline	100-01-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
4-Nitrophenol	100-02-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND				
Acenaphthene	83-32-9	ug/Kg	37000000	110000	ND	ND	ND	ND	ND	7.2 J	11 J F1	ND	ND	ND		
Acenaphthylene	208-96-8	ug/Kg	300000000	NS	ND	ND	ND	ND	ND	47	68 F1	6.4 J	95	ND		
Acetophenone	98-86-2	ug/Kg	5000	3000	ND	ND	ND	ND	ND	ND	ND F1 *	ND *				
Anthracene	120-12-7	ug/Kg	30000000	2400000	ND	ND	ND	ND	ND	17 J	75 F1	5.1 J	100	ND		
Atrazine	1912-24-9	ug/Kg	2400000	200 °	ND	ND	ND	ND	ND	ND	ND F1	ND				
Benzaldehyde	100-52-7	ug/Kg	68000000	NS	ND *	ND *	ND *	ND *	ND *	ND *	ND F1 *	ND *				
Benzo[a]anthracene	56-55-3	ug/Kg	17000	800	ND	ND	ND	ND	51 J	39	190 F1	11 J	100	8.0 J		
Benzo[a]pyrene	50-32-8	ug/Kg	2000	200	ND	ND	20 J	25 J	75 J	74	190 F1	12 J	210	9.6 J		

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Date: 9/4/2020)

			Non-Res Direct Contact (NIAC 7-26D)	NI-Default Impact to Groundwater	410-13195-1 GW-3A 9/4/2020 9:30 AM	410-13195-2 GW-3B 9/4/2020 9:40 AM	410-13195-5 S-1A 9/4/2020 11:40 AM	410-13195-6 S-1B 9/4/2020 11:50 AM	410-13195-7 S-2A 9/4/2020 1:10 PM	410-13195-8 S-2B 9/4/2020 1:20 PM	410-13195-9 S-3A 9/4/2020 12:10 PM	410-13195-10 S-3B 9/4/2020 12:20 PM	410-13195-3 GW-4A 9/4/2020 8:20 AM	410-13195-4 GW-4B 9/4/2020 8:30 AM	410-13195-11 S-6A 9/4/2020 1:40 PM	410-13195-12 S-6B 9/4/2020 1:50 PM
Analyte	CAS Number	Units														
Benzo[b]fluoranthene	205-99-2	ug/Kg	17000	2000	ND	ND	45 J	56 J	73 J	90	230 F1	16 J	200	15 J		
Benzo[g,h,i]perylene	191-24-2	ug/Kg	30000000	NS	ND	ND	ND	ND	55 J	89	170	ND	270	13 J		
Benzo[k]fluoranthene	207-08-9	ug/Kg	170000	25000	ND	ND	ND	ND	31 J	26	72 F1	9.4 J	120	4.4 J		
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND *	ND F1	ND				
Bis(2-chloroethyl)ether	111-44-4	ug/Kg	2000	200	ND *	ND *	ND *	ND *	ND *	ND	ND F1	ND				
Bis(2-ethylhexyl) phthalate	117-81-7	ug/Kg	140000	1200000	ND	ND	ND	ND	ND	ND	ND	ND				
Butylbenzylphthalate	85-68-7	ug/Kg	14000000	230000	ND	ND	ND	ND	ND	ND	ND	ND				
Caprolactam	105-60-2	ug/Kg	340000000	12000	ND	ND	ND	ND	ND	ND	ND F1	ND				
Carbazole	86-74-8	ug/Kg	96000	NS	ND	ND	ND	ND	ND	ND	ND	ND				
Chrysene	218-01-9	ug/Kg	1700000	80000	ND	ND	30 J	29 J	67 J	50	190 F1	13 J	130	9.2 J		
Dibenz[a,h]anthracene	53-70-3	ug/Kg	2000	800	ND	ND	ND	ND	ND	17 J	46	ND	ND	ND		
Dibenzofuran	132-64-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
Diethyl phthalate	84-66-2	ug/Kg	55000000	88000	ND	ND	ND	ND	ND	ND	ND F1	ND				
Dimethyl phthalate	131-11-3	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND F1	ND				
Di-n-butyl phthalate	84-74-2	ug/Kg	68000000	760000	ND	ND	ND	ND	ND	ND	ND	ND				
Di-n-octyl phthalate	117-84-0	ug/Kg	27000000	330000	ND	ND	ND	ND	ND	ND	ND	ND				
Fluoranthene	206-44-0	ug/Kg	24000000	130000	ND	6.3 J	40 J	40 J	68 J	71	370 F1	11 J	150	10 J		
Fluorene	86-73-7	ug/Kg	24000000	170000	ND	ND	ND	ND	ND	12 J	21 F1	ND	ND	ND		
Hexachlorobenzene	118-74-1	ug/Kg	1000	200	ND	ND	ND	ND	ND	ND	ND F1	ND				
Hexachlorobutadiene	87-68-3	ug/Kg	25000	900	ND	ND	ND	ND	ND	ND *	ND F1	ND				
Hexachlorocyclopentadiene	77-47-4	ug/Kg	110000	320000	ND	ND	ND	ND	ND	ND	ND F2 F1	ND				
Hexachloroethane	67-72-1	ug/Kg	48000	200	ND	ND	ND	ND	ND	ND *	ND F1 *	ND *				
Indeno[1,2,3-cd]pyrene	193-39-5	ug/Kg	17000	7000	ND	ND	ND	28 J	52 J	72	140 F1	ND	200	11 J		
Isophorone	78-59-1	ug/Kg	2000000	200	ND	ND	ND	ND	ND	ND *	ND F1 *	ND *				
Naphthalene	91-20-3	ug/Kg	17000	25000	ND	ND	ND	ND	ND	10 J	8.5 J F1	ND	ND	ND	ND	ND
Nitrobenzene	98-95-3	ug/Kg	14000	200	ND	ND	ND	ND	ND	ND *	ND F1 *	ND *				
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg	300	200	ND	ND	ND	ND	ND	ND *	ND F1 *	ND *				
N-Nitrosodiphenylamine	86-30-6	ug/Kg	390000	400	ND	ND	ND	ND	ND	ND	ND F1	ND				
Pentachlorophenol	87-86-5	ug/Kg	3000	300 ^a	ND	ND	ND	ND	ND	ND	ND	ND				
Phenanthrene	85-01-8	ug/Kg	300000000	NS	ND	ND	22 J	22 J	29 J	28	240 F1	7.1 J	62 J	7.1 J		
Phenol	108-95-2	ug/Kg	210000000	8000	ND	ND	ND	ND	ND	ND	ND	ND				
Pyrene	129-00-0	ug/Kg	18000000	840000	ND	ND	43 J	49 J	84 J	70	340 F1	15 J	180	11 J		
Tentatively Identified Compound	N/A	ug/Kg	NS	NS	260 T J	190 T J N	3800 T J B	2800 T J B	900 T J N	200 T J N	250 T J	170 T J				
Volatile Organic Compounds by GC/MS																
1,1,1-Trichloroethane	71-55-6	ug/Kg	NS	300	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	3000	7	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	ug/Kg	6000	20	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Dichloroethane	75-34-3	ug/Kg	24000	200	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	ug/Kg	150000	8	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	ug/Kg	NS	NS	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	820000	700	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	96-12-8	ug/Kg	200	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	106-93-4	ug/Kg	40	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND		
1,2-Dibromoethane (EDB)	106-93-4	ug/Kg	40	5											ND	ND
1,2-Dichlorobenzene	95-50-1	ug/Kg	59000000	17000	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	ug/Kg	3000	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	ug/Kg	5000	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	ug/Kg	59000000	19000	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	ug/Kg	13000	2000	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	ug/Kg	NS	NS											ND	ND
2-Butanone	78-93-3	ug/Kg	44000000	900	8.8 J	8.9	14 *3	15	11	7.8 J	22	6.1 J	21	22	6.4 J	5.7 J
2-Hexanone	591-78-6	ug/Kg	NS	NS	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	108-10-1	ug/Kg	NS	NS	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	ug/Kg	NS	19000	79 B	130 B	180 B	180 B	180 B	83 B	410 B	91 B	380 B	350 B	140	120
Benzene	71-43-2	ug/Kg	5000	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	ug/Kg	NS	NS	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	ug/Kg	3000	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	ug/Kg	280000	30	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	ug/Kg	59000	40	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	75-15-0	ug/Kg	110000000	6000	ND	1.7 J	12 *3	4.0 J	ND	ND	ND	ND	0.79 J	3.3 J	1.6 J	1.6 J
Carbon tetrachloride	56-23-5	ug/Kg	4000	5	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	ug/Kg	7400000	600	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	ug/Kg	1100000	NS	ND	ND	ND *3	ND	ND	ND	ND	ND	ND	ND	ND	ND

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Date: 9/4/2020)

[illegible]

Appendix Table D-4

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Collection Date: 9/8/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13470-5 S-16A 9/8/2020 9:10 AM	410-13470-6 S-16B 9/8/2020 9:15 AM	410-13470-7 S-17A 9/8/2020 9:40 AM	410-13470-8 S-17B 9/8/2020 9:45 AM	410-13470-9 S-18A 9/8/2020 11:35 AM	410-13470-10 S-18B 9/8/2020 11:40 AM	410-13470-11 S-19A 9/8/2020 11:00 AM	410-13470-12 S-19B 9/8/2020 11:05 AM	410-13470-13 S-20A 9/8/2020 10:25 AM	410-13470-14 S-20B 9/8/2020 10:35 AM	410-13470-1 S-7A 9/8/2020 8:15 AM	410-13470-2 S-7B 9/8/2020 8:20 AM	410-13470-3 S-8A 9/8/2020 8:40 AM	410-13470-4 S-8B 9/8/2020 8:45 AM
GRO/DRO																		
GRO	N/A	mg/Kg	NS	NS	5.7 J B	3.8 J B	0.32 J B	2.8 J B	5.4 J B	0.32 J B	4.1 J B	4.1 J B	3.1 J B	0.41 J B				
DRO (C10-C28)	N/A	mg/Kg	NS	NS	430	610	ND	ND	ND	ND	300 J	210 J	ND	ND				
Fluorinated Alkyl Substances																		
Perfluorobutanesulfonic acid	375-73-5	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorodecanoic acid	335-76-2	ng/g	NS	NS	ND	ND			NS	ND	ND				ND	ND		
Perfluorododecanoic acid	307-55-1	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluoroheptanoic acid	375-85-9	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorohexanesulfonic acid	355-46-4	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorohexanoic acid	307-24-4	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorononanoic acid	375-95-1	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorooctanesulfonic acid	1763-23-1	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorooctanoic acid	335-67-1	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorotetradecanoic acid	376-06-7	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluorotridecanoic acid	72629-94-8	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Perfluoroundecanoic acid	2058-94-8	ng/g	NS	NS	ND	ND				ND	ND				ND	ND		
Mercury (CVAA)/Metals (ICP)																		
Mercury	7439-97-6	mg/Kg	65	0.1	ND	ND	ND	0.036 J	ND	ND	ND	ND	ND	ND				
Arsenic	7440-38-2	mg/Kg	19	19	3.8	3.9	14	7.5	6.9	8.0 J	3.5	4.7	5.9	10				
Barium	7440-39-3	mg/Kg	59000	2100	56	42	110	150	77	260	44	67	86	95				
Cadmium	7440-43-9	mg/Kg	78	2	ND	0.43 J	ND	ND	0.34 J	0.63 J	0.37 J	0.36 J	0.37 J	0.38 J				
Chromium	7440-47-3	mg/Kg	NS	NS	12	9.1	16	23	25	42	15	23	29	32				
Lead	7439-92-1	mg/Kg	800	90	12	13	24	23	15	22	11	17	17	15				
Selenium	7782-49-2	mg/Kg	5700	11	2.7 J	ND	2.6 J	2.9 J	ND	ND	ND	ND	ND	ND				
Silver	7440-22-4	mg/Kg	5700	1 °	ND	0.74 J	ND	ND	0.74 J	ND	ND	ND	0.65 J	ND				
NJ EPH Extractable Petroleum Hydrocarbons																		
Total EPH (C9-C40)	N/A	mg/Kg	NS	NS											94	110	170	32
Polychlorinated Biphenyls (PCBs) by Gas Chromatography																		
PCB-1016	12674-11-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1221	11104-28-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1232	11141-16-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1242	53469-21-9	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1248	12672-29-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1254	11097-69-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
PCB-1260	11096-82-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Semivolatile Organic Compounds (GC/MS)																		
2-Methylnaphthalene	91-57-6	ug/Kg	2400000	8000											ND	ND	ND	ND
Acenaphthene	83-32-9	ug/Kg	37000000	110000	ND	ND	ND	ND	5.6 J	ND	17 J	ND	ND	4.4 J				
Acenaphthylene	208-96-8	ug/Kg	300000000	NS	ND	ND	3.9 J	ND	7.5 J	ND	12 J	ND	4.5 J	9.7 J				
Anthracene	120-12-7	ug/Kg	300000000	24000000	ND	ND	ND	ND	20	4.1 J	38	36	13 J	21				
Benzo[a]anthracene	56-55-3	ug/Kg	17000	800	ND	ND	12 J	ND	85	ND	110	100	77	120				
Benzo[a]pyrene	50-32-8	ug/Kg	2000	200	ND	ND	16 J	35 J	91	ND	150	140	220	360				
Benzo[b]fluoranthene	205-99-2	ug/Kg	17000	2000	180 J	ND	21	ND	170	25	240	220	330	540				
Benzo[g,h,i]perylene	191-24-2	ug/Kg	30000000	NS	ND	ND	18 J	ND	99	ND	140	140	290	450				
Benzo[k]fluoranthene	207-08-9	ug/Kg	170000	25000	ND	ND	7.2 J	35 J	58	ND	89	98	130	180				
Chrysene	218-01-9	ug/Kg	1700000	80000	250 J	ND	24	61 J	180	18 J	220	210	150	270				
Dibenz[a,h]anthracene	53-70-3	ug/Kg	2000	800	ND	ND	ND	ND	ND	ND	ND	ND	61	ND				
Fluoranthene	206-44-0	ug/Kg	24000000	1300000	170 J	ND	28	58 J	250	19 J	370	380	130	230				
Fluorene	86-73-7	ug/Kg	24000000	170000	ND	ND	ND	ND	5.7 J	ND	ND	ND	ND	7.6 J				
Indeno[1,2,3-cd]pyrene	193-39-5	ug/Kg	17000	7000	ND	ND	9.5 J	ND	93	ND	120	130	250	420				
Naphthalene	91-20-3	ug/Kg	17000	25000	ND	ND	ND	ND	ND	ND	30	29	ND	9.1 J	ND	ND	ND	ND
Phenanthrene	85-01-8	ug/Kg	300000000	NS	ND	ND	20	45 J	110	12 J	250	260	45	75				
Pyrene	129-00-0	ug/Kg	18000000	840000	210 J	ND	28	47 J	190	16 J	300	280	120	190				
Volatile Organic Compounds by GC/MS																		
1,1,1-Trichloroethane	71-55-6	ug/Kg	NS	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	3000	7	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,1,2-Trichloroethane	79-00-5	ug/Kg	6000	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,1-Dichloroethane	75-34-3	ug/Kg	24000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,1-Dichloroethene	75-35-4	ug/Kg	150000	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,2,3-Trichlorobenzene	87-61-6	ug/Kg	NS	NS	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	820000	700	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/Kg	200	5	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,2-Dibromoethane	106-93-4	ug/Kg	40	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,2-Dichlorobenzene	95-50-1	ug/Kg	59000000	17000	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,2-Dichloroethane	107-06-2	ug/Kg	3000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,2-Dichloropropane	78-87-5	ug/Kg	5000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,3-Dichlorobenzene	541-73-1	ug/Kg	59000000	19000	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				
1,4-Dichlorobenzene	106-46-7	ug/Kg	13000	2000	ND *3	ND *3	ND	ND *3	ND *3	ND	ND	ND	ND *3	ND				

Appendix Table D-4

NJDEP Non-Residential Direct Contact/ Impact to GW Soil Remediation Standard
(Sample Collection Date: 9/8/2020)

Analyte	CAS Number	Units	Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13470-5 S-16A 9/8/2020 9:10 AM	410-13470-6 S-16B 9/8/2020 9:15 AM	410-13470-7 S-17A 9/8/2020 9:40 AM	410-13470-8 S-17B 9/8/2020 9:45 AM	410-13470-9 S-18A 9/8/2020 11:35 AM	410-13470-10 S-18B 9/8/2020 11:40 AM	410-13470-11 S-19A 9/8/2020 11:00 AM	410-13470-12 S-19B 9/8/2020 11:05 AM	410-13470-13 S-20A 9/8/2020 10:25 AM	410-13470-14 S-20B 9/8/2020 10:35 AM	410-13470-1 S-7A 9/8/2020 8:15 AM	410-13470-2 S-7B 9/8/2020 8:20 AM	410-13470-3 S-8A 9/8/2020 8:40 AM	410-13470-4 S-8B 9/8/2020 8:45 AM
2-Butanone	78-93-3	ug/Kg	44000000	900	13	20	4.3 J	14	20	5.8 J	9.8	15	11	5.9 J				
2-Hexanone	591-78-6	ug/Kg	NS	NS	ND	ND	ND	ND	15	ND	ND	ND	ND	ND				
4-Methyl-2-pentanone	108-10-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.1 J	2.1 J	ND				
Acetone	67-64-1	ug/Kg	NS	19000	64 B	110 B	72 B	160 B	110 B	110 B	97 B	160 B	100 B	110 B				
Benzene	71-43-2	ug/Kg	5000	5	4.9 J	4.9 J	ND	1.3 J	2.7 J	ND	0.44 J	ND	ND	ND				
Bromochloromethane	74-97-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Bromodichloromethane	75-27-4	ug/Kg	3000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Bromoform	75-25-2	ug/Kg	280000	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Bromomethane	74-83-9	ug/Kg	59000	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Carbon disulfide	75-15-0	ug/Kg	110000000	6000	0.75 J	1.0 J	0.96 J	1.2 J	0.86 J	4.6 J	1.3 J	1.6 J	2.2 J	ND				
Carbon tetrachloride	56-23-5	ug/Kg	4000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Chlorobenzene	108-90-7	ug/Kg	7400000	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Chloroethane	75-00-3	ug/Kg	1100000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Chloroform	67-66-3	ug/Kg	2000	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Chloromethane	74-87-3	ug/Kg	12000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
cis-1,2-Dichloroethene	156-59-2	ug/Kg	560000	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
cis-1,3-Dichloropropene	10061-01-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Cyclohexane	110-82-7	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Dibromochloromethane	124-48-1	ug/Kg	8000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Dichlorodifluoromethane	75-71-8	ug/Kg	230000000	39000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Ethylbenzene	100-41-4	ug/Kg	110000000	13000	1.9 J	1.6 J	ND	0.51 J	1.0 J	ND	ND	ND	ND	ND				
Freon 113	76-13-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isopropylbenzene	98-82-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
m&p-Xylene	179601-23-1	ug/Kg	NS	NS	4.2 J	3.3 J	ND	1.2 J	2.5 J	ND	ND	ND	ND	ND				
Methyl acetate	79-20-9	ug/Kg	NS	22000	ND	ND	ND	1.5 J	3.4 J	ND	ND	3.3 J	ND	ND				
Methyl tertiary butyl ether	1634-04-4	ug/Kg	320000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Methylcyclohexane	108-87-2	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Methylene Chloride	75-09-2	ug/Kg	230000	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
o-Xylene	95-47-6	ug/Kg	NS	NS	2.1 J	1.7 J	ND	0.69 J	1.3 J	ND	ND	ND	ND	ND				
Styrene	100-42-5	ug/Kg	260000	3000	0.96 J	0.77 J	ND	ND	0.48 J	ND	ND	ND	ND	ND				
Tentatively Identified Compound	N/A	ug/Kg	NS	NS	7.0 T J	7.6 T J N	6.7 T J	37 T J	9.3 T J	5.6 T J	5.1 T J N	7.8 T J N	5.8 T J N	7.5 T J				
Tetrachloroethene	127-18-4	ug/Kg	1500000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Toluene	108-88-3	ug/Kg	91000000	7000	11	9.8	ND	2.5 J	6.4	0.61 J	0.53 J	ND	0.79 J	ND				
trans-1,2-Dichloroethene	156-60-5	ug/Kg	720000	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
trans-1,3-Dichloropropene	10061-02-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Trichloroethene	79-01-6	ug/Kg	10000	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Trichlorofluoromethane	75-69-4	ug/Kg	340000000	34000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Vinyl chloride	75-01-4	ug/Kg	2000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Xylenes, Total	1330-20-7	ug/Kg	170000000	19000	6.3 J	5.0 J	ND	1.9 J	3.8 J	ND	ND	ND	ND	ND				

NJDEP Non-Residential Direct Contact / Impact to GW Soil Remediation Standard
(Sample Date: 9/9/2020)

			Non-Res Direct Contact (NJAC 7:26D)	NJ-Default Impact to Groundwater	410-13618-1 ARFF-1A 9/9/2020 9:40 AM	410-13618-2 ARFF-1B 9/9/2020 9:45 AM	410-13618-3 ARFF-2A 9/9/2020 10:10 AM	410-13618-4 ARFF-2B 9/9/2020 10:15 AM	410-13618-5 ARFF-3A 9/9/2020 12:00 PM	410-13618-6 ARFF-3B 9/9/2020 12:05 PM	410-13618-7 ARFF-4A 9/9/2020 11:30 AM	410-13618-8 ARFF-4B 9/9/2020 11:35 AM	410-13618-9 ARFF-5A 9/9/2020 11:05 AM	410-13618-10 ARFF-5B 9/9/2020 11:15 AM	410-13618-11 ARFF-6A 9/9/2020 10:40 AM	410-13618-12 ARFF-6B 9/9/2020 10:45 AM
Analyte	CAS Number	Units														
Acetone	67-64-1	ug/Kg	NS	19000	230	340	220	250	380	270	180	130	350	110	280	330
Benzene	71-43-2	ug/Kg	5000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	ug/Kg	3000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	ug/Kg	280000	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	ug/Kg	59000	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	75-15-0	ug/Kg	110000000	6000	ND	0.63 J	ND	ND	ND	1.5 J	ND	ND	ND	1.3 J	ND	ND
Carbon tetrachloride	56-23-5	ug/Kg	4000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	ug/Kg	7400000	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	ug/Kg	1100000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	ug/Kg	2000	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	ug/Kg	12000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	ug/Kg	560000	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	110-82-7	ug/Kg	NS	NS	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	ug/Kg	8000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	75-71-8	ug/Kg	230000000	39000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	ug/Kg	110000000	13000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	76-13-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	179601-23-1	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	79-20-9	ug/Kg	NS	22000	3.0 J	12	9.9	4.6 J	220	6.0 J	2.7 J	2.8 J	11	1.5 J	3.6 J	6.1
Methyl tertiary butyl ether	1634-04-4	ug/Kg	320000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	108-87-2	ug/Kg	NS	NS	ND	4.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	75-09-2	ug/Kg	230000	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	95-47-6	ug/Kg	NS	NS	ND	0.93 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100-42-5	ug/Kg	260000	3000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tentatively Identified Compound	N/A	ug/Kg	NS	NS	7.2 T J N	6.6 T J N	15 T J N	9.3 T J N	20 T J N	37 T J	40 T J	None	19 T J N	22 T J N	None	8.3 T J
Tetrachloroethene	127-18-4	ug/Kg	1500000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	108-88-3	ug/Kg	91000000	7000	ND	ND	ND	ND	ND	4.2 J	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	ug/Kg	720000	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	ug/Kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	ug/Kg	10000	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	75-69-4	ug/Kg	340000000	34000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	ug/Kg	2000	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1330-20-7	ug/Kg	170000000	19000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

EPA Hazardous Waste Characteristics
Proposed ARFF

[illegible]

Appendix Table D-7

EPA Hazardous Waste Characteristic Profile
Proposed Terminal Expansion Area

Analyte	CAS Number	Units	TCLP Standard	410-13167-5 GW-1A 9/3/2020 1:30 PM	410-13167-6 GW-1B 9/3/2020 1:40 PM	410-13195-3 GW-4A 9/4/2020 8:20 AM	410-13195-4 GW-4B 9/4/2020 8:30 AM	410-13470-5 S-16A 9/8/2020 9:10 AM	410-13470-6 S-16B 9/8/2020 9:15 AM	410-13470-7 S-17A 9/8/2020 9:40 AM	410-13470-8 S-17B 9/8/2020 9:45 AM	410-13470-9 S-18A 9/8/2020 11:35 AM	410-13470-10 S-18B 9/8/2020 11:40 AM	410-13470-11 S-19A 9/8/2020 11:00 AM	410-13470-12 S-19B 9/8/2020 11:05 AM	410-13470-13 S-20A 9/8/2020 10:25 AM	410-13470-14 S-20B 9/8/2020 10:35 AM
Mercury	7439-97-6	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J
Arsenic	7440-38-2	mg/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023 J B	ND	ND
Barium	7440-39-3	mg/L	100	0.72	0.90	1.2	0.91	0.31	0.30	1.2	0.85	0.33	0.60	0.33	0.38	0.50	0.39
Cadmium	7440-43-9	mg/L	1	ND	0.0011 J	0.0035 J	ND	0.0010 J	ND	0.0014 J	0.0022 J	ND	0.0016 J	0.0014 J	0.0015 J	0.0011 J	ND
Chromium	7440-47-3	mg/L	5	0.0026 J B	0.0052 J	0.0075 J	0.0035 J B	0.0085 J	0.0072 J	0.0045 J	0.0058 J	0.0044 J	0.0049 J	0.0061 J	0.0054 J	0.0041 J B	0.0055 J
Lead	7439-92-1	mg/L	5	ND	0.020	0.25	0.094	0.017	0.016	0.014 J	0.031	ND	0.0088 J	0.046	0.017	0.021	0.015
Selenium	7782-49-2	mg/L	1	ND	ND	ND *	ND	ND *	ND *	ND *	ND *	ND *	ND *	ND *	0.029 J B *	ND	ND *
Silver	7440-22-4	mg/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Corrosivity	N/A	NONE	YES/NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
pH	N/A	S.U.	<2 (>12.5)	7.4	7.8	7.2	7.1	9.3	9.3	7.7	7.6	8.1	7.9	7.2	8.6	7.5	6.1
Flashpoint	N/A	Degrees F	140	>175	>173	>179	>176	>178	>183	>182	>174	>171	>173	>180	>181	>172	>177
Cyanide, Reactive	N/A	mg/Kg	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	N/A	mg/Kg	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1	ND	ND

Appendix Table D-8
NJDEP Groundwater Quality Criterion (PFAS)
(Sample Date: 9/17/2020)

Analyte	CAS Number	Units	NJDEP GW Quality Criterion	NJDEP Practical Quantitation Level (PQL)	<i>Higher of PQL and GW Quality Criterion</i>	410-14502-1 GW-3 9/17/2020 8:30 AM	410-14502-2 GW-4 9/17/2020 9:00 AM	410-14502-3 GW-2 9/17/2020 9:30 AM	410-14502-4 FBW-1 9/17/2020 8:10 AM	410-14502-5 RBW-1 9/17/2020 8:10 AM
Perfluorobutanesulfonic acid	375-73-5	ng/L	NS	NS	NS	19	82	2.0	ND	ND
Perfluorodecanoic acid	335-76-2	ng/L	NS	NS	NS	0.67 J	4.7	29	ND	ND
Perfluorododecanoic acid	307-55-1	ng/L	NS	NS	NS	ND	ND	1.6 J	ND	ND
Perfluoroheptanoic acid	375-85-9	ng/L	NS	NS	NS	60	360	6.7	ND	ND
Perfluorohexanesulfonic acid	355-46-4	ng/L	NS	NS	NS	68	630	21	ND	ND
Perfluorohexanoic acid	307-24-4	ng/L	NS	NS	NS	130	1100	15	ND	ND
Perfluorononanoic acid	375-95-1	ng/L	13	5	13	27	590	47	ND	ND
Perfluorooctanesulfonic acid	1763-23-1	ng/L	13	4	13	18	650	430	ND	ND
Perfluorooctanoic acid	335-67-1	ng/L	14	6	14	30	310	14	ND	ND
Perfluorotetradecanoic acid	376-06-7	ng/L	NS	NS	NS	ND	ND	ND	ND	ND
Perfluorotridecanoic acid	72629-94-8	ng/L	NS	NS	NS	ND	ND	3.7	ND	ND
Perfluoroundecanoic acid	2058-94-8	ng/L	NS	NS	NS	0.74 J	6.6	160	ND	ND

ATTACHMENT E

Laboratory Analytical Reports

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

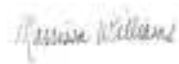
Laboratory Job ID: 410-12950-1

Client Project/Site: TTN Site NJ

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/23/2020 3:06:14 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- * QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

- * Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

- * Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

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Marrison Williams
Project Manager
10/23/2020 3:06:14 PM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Job ID: 410-12950-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-12950-1

Receipt

The samples were received on 9/3/2020 4:50 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 5.5°C

Receipt Exceptions

The following samples were received at the laboratory without a sample collection time documented on the chain of custody: FB-1 (410-12950-15) and RB-1 (410-12950-16). Entered per container labels - labels had time of 09:40.

GC/MS VOA

Method 8260C_DKQP: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with analytical batch 410-42478 was outside DKQP recovery criteria but within laboratory generated limits for the following analytes: Acetone, Bromomethane, Chloroethane and Trichlorofluoromethane.

Method 8260C_DKQP: The response factor for 2-Butanone (MEK) in the Continuing Calibration Verification (CCV) on analytical batch 410-42478 is 0.097, which rounds to 0.1, and is in within specification for the method requirements.

Method 8260C_DKQP: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-42478. The client requested analyte list was reported for this job.

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-42478 recovered above the upper control limit for Bromomethane, Chloroethane and Trichlorofluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270D_DKQP: The laboratory control sample (LCS) and/or lab control sample duplicate (LCSD) associated with preparation batch 410-43084 was outside DKQP recovery criteria but within laboratory generated limits for the following analytes 2,2'-oxybis[1-chloropropane], 2,4-Dimethylphenol, Bis(2-chloroethyl)ether, Benzaldehyde and Hexachloroethane.

Method 8270D_DKQP: The laboratory control sample (LCS) and/or lab control sample duplicate (LCSD) associated with preparation batch 410-43401 was outside DKQP recovery criteria but within laboratory generated limits for the following analytes 2,2'-oxybis[1-chloropropane], 2,4-Dimethylphenol, 3,3'-Dichlorobenzidine, Benzaldehyde, Bis(2-chloroethyl)ether, Bis(2-chloroethoxy)methane, Hexachloroethane, Nitrobenzene and N-Nitrosodi-n-propylamine.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method NJEPH: The breakthrough for Naphthalene and 2-Methylnaphthalene in the LCS is <1%. The breakthrough for Naphthalene in the LCSD is <1%. The breakthrough for 2-Methylnaphthalene in the LCSD is 1%. The method requirement for breakthrough is <5%.

Method NJEPH: The method blank contained C21-C40 Aliphatics above the MDL. None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed. S-9A (410-12950-1), S-9B (410-12950-2), S-11A (410-12950-5), S-13A (410-12950-9), S-13B (410-12950-10), S-14B (410-12950-12) and S-15A (410-12950-13)

Method NJEPH: The method blank contained C21-C40 Aliphatics above the method detection limit. The samples were re-extracted outside the method required holding time and the method blank was within QC acceptance limits. Results are reported from the first trial.

Method NJEPH: Surrogate recovery for the following sample was outside control limits: S-12B (410-12950-8). Re-extraction and/or

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Job ID: 410-12950-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

re-analysis was performed outside of holding time with acceptable results. Results are reported from the first trial.

Method NJEPH_Screen: Surrogate recovery for the following sample was outside control limits: S-15B (410-12950-14). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results. Results are reported from the first trial.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B_DKQP: The following samples were diluted due to the nature of the sample matrix: S-14A (410-12950-11) and S-15B (410-12950-14). Elevated reporting limits (RLs) are provided.

Method 8081B_DKQP: Surrogate recovery for the following sample was outside control limits: S-10A (410-12950-3). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

LCMS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	22		11	2.3	ug/Kg	1	✱		8260C	Total/NA
Acetone	360		23	6.8	ug/Kg	1	✱		8260C	Total/NA
Methyl acetate	32		5.7	1.1	ug/Kg	1	✱		8260C	Total/NA
2-Methylnaphthalene	16	J	37	3.7	ug/Kg	1	✱		8270D	Total/NA
Acenaphthylene	11	J	19	3.7	ug/Kg	1	✱		8270D	Total/NA
Acenaphthene	23		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Anthracene	98		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[a]anthracene	190		19	7.4	ug/Kg	1	✱		8270D	Total/NA
Benzo[a]pyrene	140		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[b]fluoranthene	180		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[g,h,i]perylene	82		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[k]fluoranthene	71		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Carbazole	21	J	41	19	ug/Kg	1	✱		8270D	Total/NA
Chrysene	180		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Dibenz(a,h)anthracene	23		19	7.4	ug/Kg	1	✱		8270D	Total/NA
Dibenzofuran	21	J	41	19	ug/Kg	1	✱		8270D	Total/NA
Fluoranthene	400		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Fluorene	38		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	84		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Naphthalene	8.4	J	19	7.4	ug/Kg	1	✱		8270D	Total/NA
Phenanthrene	380		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Pyrene	320		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Aluminum	18000		22	12	mg/Kg	1	✱		6010D	Total/NA
Arsenic	4.3		3.3	1.3	mg/Kg	1	✱		6010D	Total/NA
Barium	120		0.55	0.16	mg/Kg	1	✱		6010D	Total/NA
Beryllium	1.0		0.55	0.11	mg/Kg	1	✱		6010D	Total/NA
Calcium	980		22	13	mg/Kg	1	✱		6010D	Total/NA
Chromium	23		1.6	0.20	mg/Kg	1	✱		6010D	Total/NA
Cobalt	7.9		0.55	0.16	mg/Kg	1	✱		6010D	Total/NA
Copper	11		2.2	0.84	mg/Kg	1	✱		6010D	Total/NA
Iron	20000		22	6.8	mg/Kg	1	✱		6010D	Total/NA
Lead	21		1.6	0.66	mg/Kg	1	✱		6010D	Total/NA
Magnesium	3400		11	4.4	mg/Kg	1	✱		6010D	Total/NA
Manganese	430		1.1	0.57	mg/Kg	1	✱		6010D	Total/NA
Nickel	15		1.1	0.28	mg/Kg	1	✱		6010D	Total/NA
Potassium	1500		33	22	mg/Kg	1	✱		6010D	Total/NA
Sodium	110		110	51	mg/Kg	1	✱		6010D	Total/NA
Zinc	46		2.2	1.1	mg/Kg	1	✱		6010D	Total/NA
Vanadium	33		1.1	0.47	mg/Kg	1	✱		6010D	Total/NA

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	18		12	2.4	ug/Kg	1	✱		8260C	Total/NA
Acetone	260		24	7.3	ug/Kg	1	✱		8260C	Total/NA
Methyl acetate	4.5	J	6.1	1.2	ug/Kg	1	✱		8260C	Total/NA
Aluminum	37000		24	13	mg/Kg	1	✱		6010D	Total/NA
Arsenic	6.4		3.6	1.4	mg/Kg	1	✱		6010D	Total/NA
Barium	240		0.59	0.18	mg/Kg	1	✱		6010D	Total/NA
Beryllium	1.9		0.59	0.12	mg/Kg	1	✱		6010D	Total/NA
Calcium	710		24	14	mg/Kg	1	✱		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B (Continued)

Lab Sample ID: 410-12950-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	57		1.8	0.21	mg/Kg	1	✱		6010D	Total/NA
Cobalt	17		0.59	0.17	mg/Kg	1	✱		6010D	Total/NA
Copper	31		2.4	0.91	mg/Kg	1	✱		6010D	Total/NA
Iron	51000		120	37	mg/Kg	5	✱		6010D	Total/NA
Lead	41		1.8	0.71	mg/Kg	1	✱		6010D	Total/NA
Magnesium	7900		12	4.7	mg/Kg	1	✱		6010D	Total/NA
Manganese	650		1.2	0.62	mg/Kg	1	✱		6010D	Total/NA
Nickel	36		1.2	0.31	mg/Kg	1	✱		6010D	Total/NA
Potassium	5300		36	24	mg/Kg	1	✱		6010D	Total/NA
Selenium	2.6	J	5.9	1.8	mg/Kg	1	✱		6010D	Total/NA
Sodium	510		120	55	mg/Kg	1	✱		6010D	Total/NA
Zinc	81		2.4	1.2	mg/Kg	1	✱		6010D	Total/NA
Vanadium	66		1.2	0.51	mg/Kg	1	✱		6010D	Total/NA

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	33		12	2.3	ug/Kg	1	✱		8260C	Total/NA
Acetone	510		23	6.9	ug/Kg	1	✱		8260C	Total/NA
Methyl acetate	58		5.8	1.2	ug/Kg	1	✱		8260C	Total/NA
Acenaphthylene	12	J	19	3.7	ug/Kg	1	✱		8270D	Total/NA
Anthracene	37		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[a]anthracene	120		19	7.4	ug/Kg	1	✱		8270D	Total/NA
Benzo[a]pyrene	100		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[b]fluoranthene	130		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[g,h,i]perylene	81		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Benzo[k]fluoranthene	60		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Chrysene	130		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Dibenz(a,h)anthracene	23		19	7.4	ug/Kg	1	✱		8270D	Total/NA
Fluoranthene	240		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Fluorene	9.0	J	19	3.7	ug/Kg	1	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	75		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Naphthalene	8.1	J	19	7.4	ug/Kg	1	✱		8270D	Total/NA
Phenanthrene	92		19	3.7	ug/Kg	1	✱		8270D	Total/NA
Pyrene	200		19	3.7	ug/Kg	1	✱		8270D	Total/NA
PCB-1260 (1C)	7.1	J	19	5.5	ug/Kg	1	✱		8082A	Total/NA
Total EPH (C9-C40)	55		11	11	mg/Kg	1	✱		NJ EPH	Total/NA
C21-C36 Aromatic (1C)	4.0	J	11	3.3	mg/Kg	1	✱		NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	4.4	J B	11	3.3	mg/Kg	1	✱		NJDEP EPH	Total/NA
Perfluorooctanoic acid	0.46	J	0.67	0.22	ng/g	1	✱		537 IDA	Total/NA
Perfluorononanoic acid	0.34	J	0.67	0.22	ng/g	1	✱		537 IDA	Total/NA
Perfluorotridecanoic acid	0.25	J	0.67	0.22	ng/g	1	✱		537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.48	J	0.67	0.22	ng/g	1	✱		537 IDA	Total/NA
Perfluoroundecanoic acid	0.54	J	0.67	0.22	ng/g	1	✱		537 IDA	Total/NA
Aluminum	25000		22	12	mg/Kg	1	✱		6010D	Total/NA
Arsenic	7.3		3.3	1.3	mg/Kg	1	✱		6010D	Total/NA
Barium	130		0.55	0.17	mg/Kg	1	✱		6010D	Total/NA
Beryllium	1.3		0.55	0.11	mg/Kg	1	✱		6010D	Total/NA
Calcium	1600		22	13	mg/Kg	1	✱		6010D	Total/NA
Chromium	31		1.7	0.20	mg/Kg	1	✱		6010D	Total/NA
Cobalt	12		0.55	0.16	mg/Kg	1	✱		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A (Continued)

Lab Sample ID: 410-12950-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	21		2.2	0.85	mg/Kg	1	✱	6010D	Total/NA
Iron	28000		22	6.9	mg/Kg	1	✱	6010D	Total/NA
Lead	36		1.7	0.66	mg/Kg	1	✱	6010D	Total/NA
Magnesium	4800		11	4.4	mg/Kg	1	✱	6010D	Total/NA
Manganese	700		1.1	0.57	mg/Kg	1	✱	6010D	Total/NA
Nickel	21		1.1	0.29	mg/Kg	1	✱	6010D	Total/NA
Potassium	2700		33	23	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.1	J	5.5	1.7	mg/Kg	1	✱	6010D	Total/NA
Sodium	140		110	51	mg/Kg	1	✱	6010D	Total/NA
Zinc	66		2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	50		1.1	0.48	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.072		0.062	0.026	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	33		12	2.4	ug/Kg	1	✱	8260C	Total/NA
Acetone	540		24	7.3	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	83		6.1	1.2	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	8.4	J	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Acenaphthene	4.0	J	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Anthracene	25		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	75		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	73		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	100		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	56		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	27		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Chrysene	87		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	160		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Fluorene	6.4	J	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	49		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	64		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Pyrene	130		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	64		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C36 Aromatic (1C)	3.8	J	11	3.3	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	4.6	J B	11	3.3	mg/Kg	1	✱	NJDEP EPH	Total/NA
Perfluoroheptanoic acid	0.21	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanoic acid	0.51	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorononanoic acid	0.37	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorodecanoic acid	0.22	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	0.21	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.54	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	0.45	J	0.64	0.21	ng/g	1	✱	537 IDA	Total/NA
Aluminum	25000		21	11	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.3		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Barium	130		0.53	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.3		0.53	0.11	mg/Kg	1	✱	6010D	Total/NA
Calcium	2200		21	13	mg/Kg	1	✱	6010D	Total/NA
Chromium	33		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Cobalt	12		0.53	0.16	mg/Kg	1	✱	6010D	Total/NA
Copper	23		2.1	0.82	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B (Continued)

Lab Sample ID: 410-12950-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Iron	31000		110	33	mg/Kg	5		✱	6010D	Total/NA
Lead	35		1.6	0.64	mg/Kg	1		✱	6010D	Total/NA
Magnesium	5300		11	4.2	mg/Kg	1		✱	6010D	Total/NA
Manganese	720		1.1	0.55	mg/Kg	1		✱	6010D	Total/NA
Nickel	22		1.1	0.28	mg/Kg	1		✱	6010D	Total/NA
Potassium	2900		32	22	mg/Kg	1		✱	6010D	Total/NA
Selenium	3.2	J	5.3	1.6	mg/Kg	1		✱	6010D	Total/NA
Sodium	170		110	49	mg/Kg	1		✱	6010D	Total/NA
Zinc	64		2.1	1.1	mg/Kg	1		✱	6010D	Total/NA
Vanadium	52		1.1	0.46	mg/Kg	1		✱	6010D	Total/NA
Mercury	0.063		0.063	0.026	mg/Kg	1		✱	7471B	Total/NA

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	32		15	3.0	ug/Kg	1		✱	8260C	Total/NA
Acetone	600		30	9.1	ug/Kg	1		✱	8260C	Total/NA
Methyl acetate	90		7.6	1.5	ug/Kg	1		✱	8260C	Total/NA
Total EPH (C9-C40)	14		11	11	mg/Kg	1		✱	NJ EPH	Total/NA
Aluminum	31000		21	11	mg/Kg	1		✱	6010D	Total/NA
Arsenic	8.2		3.2	1.3	mg/Kg	1		✱	6010D	Total/NA
Barium	200		0.54	0.16	mg/Kg	1		✱	6010D	Total/NA
Beryllium	1.9		0.54	0.11	mg/Kg	1		✱	6010D	Total/NA
Calcium	1200		21	13	mg/Kg	1		✱	6010D	Total/NA
Chromium	53		1.6	0.19	mg/Kg	1		✱	6010D	Total/NA
Cobalt	19		0.54	0.16	mg/Kg	1		✱	6010D	Total/NA
Copper	42		2.1	0.83	mg/Kg	1		✱	6010D	Total/NA
Iron	49000		110	33	mg/Kg	5		✱	6010D	Total/NA
Lead	50		1.6	0.64	mg/Kg	1		✱	6010D	Total/NA
Magnesium	10000		11	4.3	mg/Kg	1		✱	6010D	Total/NA
Manganese	680		1.1	0.56	mg/Kg	1		✱	6010D	Total/NA
Nickel	39		1.1	0.28	mg/Kg	1		✱	6010D	Total/NA
Potassium	5500		32	22	mg/Kg	1		✱	6010D	Total/NA
Selenium	3.5	J	5.4	1.6	mg/Kg	1		✱	6010D	Total/NA
Sodium	260		110	50	mg/Kg	1		✱	6010D	Total/NA
Thallium	2.1	J	3.2	1.4	mg/Kg	1		✱	6010D	Total/NA
Zinc	81		2.1	1.1	mg/Kg	1		✱	6010D	Total/NA
Vanadium	110		1.1	0.46	mg/Kg	1		✱	6010D	Total/NA

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	11	J	13	2.5	ug/Kg	1		✱	8260C	Total/NA
Acetone	89		25	7.6	ug/Kg	1		✱	8260C	Total/NA
Methyl acetate	4.8	J	6.3	1.3	ug/Kg	1		✱	8260C	Total/NA
C21-C40 Aliphatics (1C)	7.4	J B	12	3.6	mg/Kg	1		✱	NJDEP EPH	Total/NA
Aluminum	41000		24	13	mg/Kg	1		✱	6010D	Total/NA
Arsenic	6.2		3.6	1.4	mg/Kg	1		✱	6010D	Total/NA
Barium	290		0.60	0.18	mg/Kg	1		✱	6010D	Total/NA
Beryllium	2.1		0.60	0.12	mg/Kg	1		✱	6010D	Total/NA
Calcium	1400		24	14	mg/Kg	1		✱	6010D	Total/NA
Chromium	56		1.8	0.22	mg/Kg	1		✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B (Continued)

Lab Sample ID: 410-12950-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	18		0.60	0.17	mg/Kg	1	✱	6010D	Total/NA
Copper	37		2.4	0.92	mg/Kg	1	✱	6010D	Total/NA
Iron	51000		120	37	mg/Kg	5	✱	6010D	Total/NA
Lead	41		1.8	0.72	mg/Kg	1	✱	6010D	Total/NA
Magnesium	8500		12	4.8	mg/Kg	1	✱	6010D	Total/NA
Manganese	710		1.2	0.62	mg/Kg	1	✱	6010D	Total/NA
Nickel	41		1.2	0.31	mg/Kg	1	✱	6010D	Total/NA
Potassium	5500		36	24	mg/Kg	1	✱	6010D	Total/NA
Selenium	3.3	J	6.0	1.8	mg/Kg	1	✱	6010D	Total/NA
Sodium	1100		120	55	mg/Kg	1	✱	6010D	Total/NA
Zinc	82		2.4	1.2	mg/Kg	1	✱	6010D	Total/NA
Vanadium	86		1.2	0.51	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	18		16	3.2	ug/Kg	1	✱	8260C	Total/NA
Acetone	110		32	9.5	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	6.2	J	8.0	1.6	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	30		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C40 Aliphatics (1C)	4.9	J B	11	3.2	mg/Kg	1	✱	NJDEP EPH	Total/NA
Aluminum	21000		19	10	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.1		2.9	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	260		0.48	0.14	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.6		0.48	0.097	mg/Kg	1	✱	6010D	Total/NA
Calcium	4700		19	12	mg/Kg	1	✱	6010D	Total/NA
Chromium	42		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Cobalt	16		0.48	0.14	mg/Kg	1	✱	6010D	Total/NA
Copper	40		1.9	0.74	mg/Kg	1	✱	6010D	Total/NA
Iron	37000		97	30	mg/Kg	5	✱	6010D	Total/NA
Lead	33		1.4	0.58	mg/Kg	1	✱	6010D	Total/NA
Magnesium	10000		9.7	3.9	mg/Kg	1	✱	6010D	Total/NA
Manganese	990		0.97	0.50	mg/Kg	1	✱	6010D	Total/NA
Nickel	31		0.97	0.25	mg/Kg	1	✱	6010D	Total/NA
Potassium	8400		29	20	mg/Kg	1	✱	6010D	Total/NA
Selenium	1.5	J	4.8	1.4	mg/Kg	1	✱	6010D	Total/NA
Sodium	2700		97	45	mg/Kg	1	✱	6010D	Total/NA
Zinc	83		1.9	0.97	mg/Kg	1	✱	6010D	Total/NA
Vanadium	59		0.97	0.42	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.9	J	9.7	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	44		19	5.8	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	1.5	J	4.9	0.97	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	18		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C40 Aliphatics (1C)	4.3	J B	11	3.4	mg/Kg	1	✱	NJDEP EPH	Total/NA
Aluminum	22000		21	11	mg/Kg	1	✱	6010D	Total/NA
Arsenic	10		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Barium	130		0.54	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.8		0.54	0.11	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B (Continued)

Lab Sample ID: 410-12950-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Calcium	1400		21	13	mg/Kg	1	✱		6010D	Total/NA
Chromium	51		1.6	0.19	mg/Kg	1	✱		6010D	Total/NA
Cobalt	18		0.54	0.16	mg/Kg	1	✱		6010D	Total/NA
Copper	35		2.1	0.83	mg/Kg	1	✱		6010D	Total/NA
Iron	41000		110	33	mg/Kg	5	✱		6010D	Total/NA
Lead	39		1.6	0.64	mg/Kg	1	✱		6010D	Total/NA
Magnesium	9400		11	4.3	mg/Kg	1	✱		6010D	Total/NA
Manganese	1000		1.1	0.56	mg/Kg	1	✱		6010D	Total/NA
Nickel	34		1.1	0.28	mg/Kg	1	✱		6010D	Total/NA
Potassium	6200		32	22	mg/Kg	1	✱		6010D	Total/NA
Selenium	2.5	J	5.4	1.6	mg/Kg	1	✱		6010D	Total/NA
Sodium	470		110	50	mg/Kg	1	✱		6010D	Total/NA
Zinc	68		2.1	1.1	mg/Kg	1	✱		6010D	Total/NA
Vanadium	74		1.1	0.46	mg/Kg	1	✱		6010D	Total/NA

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	16		11	2.1	ug/Kg	1	✱		8260C	Total/NA
Acetone	240		21	6.4	ug/Kg	1	✱		8260C	Total/NA
Bromomethane	1.1	J	5.3	0.74	ug/Kg	1	✱		8260C	Total/NA
Methyl acetate	17		5.3	1.1	ug/Kg	1	✱		8260C	Total/NA
Total EPH (C9-C40)	11		11	11	mg/Kg	1	✱		NJ EPH	Total/NA
Aluminum	51000		98	52	mg/Kg	5	✱		6010D	Total/NA
Arsenic	2.9		2.9	1.2	mg/Kg	1	✱		6010D	Total/NA
Barium	380		0.49	0.15	mg/Kg	1	✱		6010D	Total/NA
Beryllium	2.2		0.49	0.098	mg/Kg	1	✱		6010D	Total/NA
Calcium	2900		20	12	mg/Kg	1	✱		6010D	Total/NA
Chromium	50		1.5	0.18	mg/Kg	1	✱		6010D	Total/NA
Cobalt	19		0.49	0.14	mg/Kg	1	✱		6010D	Total/NA
Copper	32		2.0	0.76	mg/Kg	1	✱		6010D	Total/NA
Iron	45000		98	30	mg/Kg	5	✱		6010D	Total/NA
Lead	34		1.5	0.59	mg/Kg	1	✱		6010D	Total/NA
Magnesium	11000		9.8	3.9	mg/Kg	1	✱		6010D	Total/NA
Manganese	860		0.98	0.51	mg/Kg	1	✱		6010D	Total/NA
Nickel	40		0.98	0.26	mg/Kg	1	✱		6010D	Total/NA
Potassium	8600		29	20	mg/Kg	1	✱		6010D	Total/NA
Selenium	2.5	J	4.9	1.5	mg/Kg	1	✱		6010D	Total/NA
Sodium	7700		98	45	mg/Kg	1	✱		6010D	Total/NA
Zinc	98		2.0	0.98	mg/Kg	1	✱		6010D	Total/NA
Vanadium	49		0.98	0.42	mg/Kg	1	✱		6010D	Total/NA
Mercury	0.029	J	0.071	0.029	mg/Kg	1	✱		7471B	Total/NA

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone	8.7	J	9.9	2.0	ug/Kg	1	✱		8260C	Total/NA
Acetone	64		20	5.9	ug/Kg	1	✱		8260C	Total/NA
Methyl acetate	8.3		4.9	0.99	ug/Kg	1	✱		8260C	Total/NA
Aluminum	28000		22	12	mg/Kg	1	✱		6010D	Total/NA
Arsenic	7.0		3.4	1.3	mg/Kg	1	✱		6010D	Total/NA
Barium	120		0.56	0.17	mg/Kg	1	✱		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B (Continued)

Lab Sample ID: 410-12950-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	1.2		0.56	0.11	mg/Kg	1	✱	6010D	Total/NA
Calcium	910		22	13	mg/Kg	1	✱	6010D	Total/NA
Chromium	43		1.7	0.20	mg/Kg	1	✱	6010D	Total/NA
Cobalt	12		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Copper	29		2.2	0.86	mg/Kg	1	✱	6010D	Total/NA
Iron	40000		110	35	mg/Kg	5	✱	6010D	Total/NA
Lead	36		1.7	0.67	mg/Kg	1	✱	6010D	Total/NA
Magnesium	6900		11	4.5	mg/Kg	1	✱	6010D	Total/NA
Manganese	510		1.1	0.58	mg/Kg	1	✱	6010D	Total/NA
Nickel	26		1.1	0.29	mg/Kg	1	✱	6010D	Total/NA
Potassium	3500		34	23	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.7	J	5.6	1.7	mg/Kg	1	✱	6010D	Total/NA
Sodium	190		110	52	mg/Kg	1	✱	6010D	Total/NA
Zinc	56		2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	79		1.1	0.48	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	18		11	2.3	ug/Kg	1	✱	8260C	Total/NA
Acetone	260		23	6.9	ug/Kg	1	✱	8260C	Total/NA
Chloromethane	1.9	J	5.7	0.69	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	25		5.7	1.1	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.72	J	5.7	0.69	ug/Kg	1	✱	8260C	Total/NA
2-Methylnaphthalene	6.8	J	42	4.2	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	13	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Acenaphthene	13	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Anthracene	48		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	130		21	8.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	110		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	140		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	78		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	58		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Chrysene	130		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	18	J	21	8.3	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	260		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Fluorene	15	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	72		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	16	J	21	8.3	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	130		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Pyrene	220		21	4.2	ug/Kg	1	✱	8270D	Total/NA
alpha-BHC (2C)	0.41	J	1.0	0.21	ug/Kg	1	✱	8081B	Total/NA
Dieldrin (1C)	0.57	J	2.1	0.41	ug/Kg	1	✱	8081B	Total/NA
Endrin ketone (2C)	2.6		2.5	0.74	ug/Kg	1	✱	8081B	Total/NA
Heptachlor epoxide (1C)	0.38	J	1.0	0.21	ug/Kg	1	✱	8081B	Total/NA
p,p'-DDD (2C)	0.45	J	2.1	0.41	ug/Kg	1	✱	8081B	Total/NA
p,p'-DDE (2C)	1.3	J	2.1	0.41	ug/Kg	1	✱	8081B	Total/NA
p,p'-DDT (2C)	2.8	B	2.1	0.97	ug/Kg	1	✱	8081B	Total/NA
PCB-1260 (1C)	30		21	6.0	ug/Kg	1	✱	8082A	Total/NA
Total EPH (C9-C40)	66		13	13	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C36 Aromatic (1C)	8.1	J	13	3.8	mg/Kg	1	✱	NJDEP EPH	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A (Continued)

Lab Sample ID: 410-12950-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C21-C40 Aliphatics (1C)	4.6	J B	13	3.8	mg/Kg	1	✱	NJDEP EPH	Total/NA
Aluminum	30000		23	12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.3		3.4	1.4	mg/Kg	1	✱	6010D	Total/NA
Barium	200		0.57	0.17	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.6		0.57	0.11	mg/Kg	1	✱	6010D	Total/NA
Calcium	3500		23	14	mg/Kg	1	✱	6010D	Total/NA
Chromium	39		1.7	0.21	mg/Kg	1	✱	6010D	Total/NA
Cobalt	15		0.57	0.17	mg/Kg	1	✱	6010D	Total/NA
Copper	36		2.3	0.88	mg/Kg	1	✱	6010D	Total/NA
Iron	7800		23	7.1	mg/Kg	1	✱	6010D	Total/NA
Lead	41		1.7	0.68	mg/Kg	1	✱	6010D	Total/NA
Magnesium	7500		11	4.6	mg/Kg	1	✱	6010D	Total/NA
Manganese	1000		1.1	0.59	mg/Kg	1	✱	6010D	Total/NA
Nickel	29		1.1	0.30	mg/Kg	1	✱	6010D	Total/NA
Potassium	4600		34	23	mg/Kg	1	✱	6010D	Total/NA
Sodium	2600		110	53	mg/Kg	1	✱	6010D	Total/NA
Zinc	100		2.3	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	56		1.1	0.49	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.052	J	0.073	0.030	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	15	J	16	3.2	ug/Kg	1	✱	8260C	Total/NA
Acetone	110		32	9.5	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	2.8	J	7.9	1.6	ug/Kg	1	✱	8260C	Total/NA
Aluminum	45000		24	13	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.3	J	3.5	1.4	mg/Kg	1	✱	6010D	Total/NA
Barium	400		0.59	0.18	mg/Kg	1	✱	6010D	Total/NA
Beryllium	2.0		0.59	0.12	mg/Kg	1	✱	6010D	Total/NA
Calcium	1300		24	14	mg/Kg	1	✱	6010D	Total/NA
Chromium	59		1.8	0.21	mg/Kg	1	✱	6010D	Total/NA
Cobalt	21		0.59	0.17	mg/Kg	1	✱	6010D	Total/NA
Copper	44		2.4	0.91	mg/Kg	1	✱	6010D	Total/NA
Iron	55000		120	37	mg/Kg	5	✱	6010D	Total/NA
Lead	42		1.8	0.71	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9000		12	4.7	mg/Kg	1	✱	6010D	Total/NA
Manganese	1300		1.2	0.61	mg/Kg	1	✱	6010D	Total/NA
Nickel	41		1.2	0.31	mg/Kg	1	✱	6010D	Total/NA
Potassium	6800		35	24	mg/Kg	1	✱	6010D	Total/NA
Selenium	3.6	J	5.9	1.8	mg/Kg	1	✱	6010D	Total/NA
Sodium	1500		120	54	mg/Kg	1	✱	6010D	Total/NA
Zinc	98		2.4	1.2	mg/Kg	1	✱	6010D	Total/NA
Vanadium	58		1.2	0.51	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	9.4		8.5	1.7	ug/Kg	1	✱	8260C	Total/NA
Acetone	58		17	5.1	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	2.8	J	4.3	0.51	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	13		11	11	mg/Kg	1	✱	NJ EPH	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A (Continued)

Lab Sample ID: 410-12950-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	37000		110	58	mg/Kg	5	✱	6010D	Total/NA
Barium	300		2.7	0.82	mg/Kg	5	✱	6010D	Total/NA
Beryllium	2.3	J	2.7	0.55	mg/Kg	5	✱	6010D	Total/NA
Calcium	14000		110	66	mg/Kg	5	✱	6010D	Total/NA
Chromium	52		8.2	0.99	mg/Kg	5	✱	6010D	Total/NA
Cobalt	18		2.7	0.80	mg/Kg	5	✱	6010D	Total/NA
Copper	40		11	4.2	mg/Kg	5	✱	6010D	Total/NA
Iron	36000		110	34	mg/Kg	5	✱	6010D	Total/NA
Lead	20		8.2	3.3	mg/Kg	5	✱	6010D	Total/NA
Magnesium	12000		55	22	mg/Kg	5	✱	6010D	Total/NA
Manganese	950		5.5	2.8	mg/Kg	5	✱	6010D	Total/NA
Nickel	39		5.5	1.4	mg/Kg	5	✱	6010D	Total/NA
Potassium	8300		160	110	mg/Kg	5	✱	6010D	Total/NA
Sodium	11000		550	250	mg/Kg	5	✱	6010D	Total/NA
Zinc	91		11	5.5	mg/Kg	5	✱	6010D	Total/NA
Vanadium	63		5.5	2.4	mg/Kg	5	✱	6010D	Total/NA

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	13		11	2.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	88		21	6.4	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	7.2		5.3	0.64	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.3	J	5.3	1.1	ug/Kg	1	✱	8260C	Total/NA
Fluoranthene	5.6	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	9.3	J	21	8.3	ug/Kg	1	✱	8270D	Total/NA
Pyrene	6.8	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	43		12	12	mg/Kg	1	✱	NJ EPH	Total/NA
Aluminum	27000		23	12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	9.9		3.5	1.4	mg/Kg	1	✱	6010D	Total/NA
Barium	150		0.58	0.18	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.6		0.58	0.12	mg/Kg	1	✱	6010D	Total/NA
Calcium	1300		23	14	mg/Kg	1	✱	6010D	Total/NA
Chromium	44		1.8	0.21	mg/Kg	1	✱	6010D	Total/NA
Cobalt	14		0.58	0.17	mg/Kg	1	✱	6010D	Total/NA
Copper	30		2.3	0.90	mg/Kg	1	✱	6010D	Total/NA
Iron	45000		120	36	mg/Kg	5	✱	6010D	Total/NA
Lead	39		1.8	0.70	mg/Kg	1	✱	6010D	Total/NA
Magnesium	8700		12	4.7	mg/Kg	1	✱	6010D	Total/NA
Manganese	300		1.2	0.61	mg/Kg	1	✱	6010D	Total/NA
Nickel	29		1.2	0.30	mg/Kg	1	✱	6010D	Total/NA
Potassium	4800		35	24	mg/Kg	1	✱	6010D	Total/NA
Selenium	3.0	J	5.8	1.8	mg/Kg	1	✱	6010D	Total/NA
Sodium	1100		120	54	mg/Kg	1	✱	6010D	Total/NA
Thallium	23		3.5	1.5	mg/Kg	1	✱	6010D	Total/NA
Zinc	60		2.3	1.2	mg/Kg	1	✱	6010D	Total/NA
Vanadium	78		1.2	0.50	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: FB-1

Lab Sample ID: 410-12950-15

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: RB-1

Lab Sample ID: 410-12950-16

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,1,2-Trichloroethane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2,3-Trichlorobenzene	ND		11	5.7	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2,4-Trichlorobenzene	ND		11	5.7	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2-Dibromo-3-Chloropropane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2-Dibromoethane	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2-Dichloroethane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,2-Dichloropropane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
1,4-Dichlorobenzene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
2-Butanone	22		11	2.3	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Acetone	360		23	6.8	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Benzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Bromochloromethane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Bromodichloromethane	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Bromoform	ND		11	5.7	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Bromomethane	ND		5.7	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Carbon disulfide	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Carbon tetrachloride	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Chlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Chloroethane	ND		5.7	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Chloroform	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Chloromethane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
cis-1,3-Dichloropropene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Cyclohexane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Dichlorodifluoromethane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Ethylbenzene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Freon 113	ND		11	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Isopropylbenzene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
m&p-Xylene	ND		5.7	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Methyl acetate	32		5.7	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Methyl tertiary butyl ether	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Methylcyclohexane	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
o-Xylene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Styrene	ND		5.7	0.45	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Toluene	ND		5.7	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1
Trichloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 12:58	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.7	0.79	ug/Kg	☼	09/04/20 20:16	09/10/20 12:58	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	☼	09/04/20 20:16	09/10/20 12:58	1
Xylenes, Total	ND		11	1.6	ug/Kg	☼	09/04/20 20:16	09/10/20 12:58	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Acetaldehyde	12	T J N	ug/Kg	☼	2.29	75-07-0	09/04/20 20:16	09/10/20 12:58	1
Unknown	5.9	T J	ug/Kg	☼	4.21		09/04/20 20:16	09/10/20 12:58	1
Unknown	19	T J	ug/Kg	☼	10.52		09/04/20 20:16	09/10/20 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/04/20 20:16	09/10/20 12:58	1
4-Bromofluorobenzene (Surr)	86		70 - 130	09/04/20 20:16	09/10/20 12:58	1
Dibromofluoromethane (Surr)	107		70 - 130	09/04/20 20:16	09/10/20 12:58	1
Toluene-d8 (Surr)	103		70 - 130	09/04/20 20:16	09/10/20 12:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
1,2,4,5-Tetrachlorobenzene	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
1,4-Dioxane	ND		370	110	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,2'-oxybis[1-chloropropane]	ND	*	48	22	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,3,4,6-Tetrachlorophenol	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4,5-Trichlorophenol	ND		74	33	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4,6-Trichlorophenol	ND		63	30	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4-Dichlorophenol	ND		48	22	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4-Dimethylphenol	ND	*	74	33	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,4-Dinitrotoluene	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2,6-Dinitrotoluene	ND		56	26	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Chloronaphthalene	ND		37	7.4	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Chlorophenol	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Methylnaphthalene	16	J	37	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Methylphenol	ND		74	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Nitroaniline	ND		56	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
2-Nitrophenol	ND		63	30	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
3,3'-Dichlorobenzidine	ND		370	110	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
3-Nitroaniline	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4,6-Dinitro-2-methylphenol	ND		560	260	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Bromophenyl-phenylether	ND		56	26	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Chloro-3-methylphenol	ND		56	26	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Chlorophenyl-phenyl ether	ND		48	22	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Chloroaniline	ND		190	37	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Methylphenol	ND		56	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Nitroaniline	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
4-Nitrophenol	ND		560	190	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Acenaphthylene	11	J	19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Acenaphthene	23		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Acetophenone	ND		56	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Anthracene	98		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Atrazine	ND		480	220	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND	*	190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Benzo[a]anthracene	190		19	7.4	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Benzo[a]pyrene	140		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Benzo[b]fluoranthene	180		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Benzo[g,h,i]perylene	82		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Benzo[k]fluoranthene	71		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Bis(2-chloroethoxy)methane	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Bis(2-chloroethyl)ether	ND	*	56	26	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Bis(2-ethylhexyl) phthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Butylbenzylphthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Caprolactam	ND		190	37	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Carbazole	21	J	41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Chrysene	180		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Di-n-butyl phthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Di-n-octyl phthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Dibenz(a,h)anthracene	23		19	7.4	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Dibenzofuran	21	J	41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Dimethyl phthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Diethyl phthalate	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Fluoranthene	400		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Fluorene	38		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Hexachlorobenzene	ND		19	7.4	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Hexachlorobutadiene	ND		85	41	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Hexachlorocyclopentadiene	ND		560	220	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Hexachloroethane	ND	*	190	37	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Indeno[1,2,3-cd]pyrene	84		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Isophorone	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
N-Nitrosodi-n-propylamine	ND		56	26	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
N-Nitrosodiphenylamine	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Naphthalene	8.4	J	19	7.4	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Nitrobenzene	ND		74	30	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Pentachlorophenol	ND		190	74	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Phenanthrene	380		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Phenol	ND		41	19	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1
Pyrene	320		19	3.7	ug/Kg	☼	09/11/20 18:30	09/14/20 15:59	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	1400	T J B	ug/Kg	☼	3.87		09/11/20 18:30	09/14/20 15:59	1
n-Hexadecanoic acid	340	T J N	ug/Kg	☼	10.50	57-10-3	09/11/20 18:30	09/14/20 15:59	1
Eicosane, 10-methyl-	190	T J N	ug/Kg	☼	13.79	54833-23-7	09/11/20 18:30	09/14/20 15:59	1
Benzo[j]fluoranthene	330	T J N	ug/Kg	☼	13.85	205-82-3	09/11/20 18:30	09/14/20 15:59	1
Unknown	180	T J	ug/Kg	☼	14.26		09/11/20 18:30	09/14/20 15:59	1
Tridecane, 1-iodo-	290	T J N	ug/Kg	☼	14.46	35599-77-0	09/11/20 18:30	09/14/20 15:59	1
20.Xi.-Lanosta-7,9(11)-diene-3.beta., 18,20-triol	200	T J N	ug/Kg	☼	15.27	25116-58-9	09/11/20 18:30	09/14/20 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	61		30 - 130	09/11/20 18:30	09/14/20 15:59	1
2-Fluorophenol (Surr)	61		30 - 130	09/11/20 18:30	09/14/20 15:59	1
p-Terphenyl-d14 (Surr)	71		30 - 130	09/11/20 18:30	09/14/20 15:59	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	63		30 - 130	09/11/20 18:30	09/14/20 15:59	1
Nitrobenzene-d5 (Surr)	62		30 - 130	09/11/20 18:30	09/14/20 15:59	1
2-Fluorobiphenyl (Surr)	68		30 - 130	09/11/20 18:30	09/14/20 15:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.93	0.19	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
alpha-BHC (1C)	ND		0.93	0.19	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
alpha-Chlordane (1C)	ND		0.93	0.19	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
beta-BHC (1C)	ND		1.1	0.50	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
delta-BHC (1C)	ND		1.1	0.51	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Dieldrin (1C)	ND		1.9	0.37	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endosulfan I (1C)	ND		0.93	0.25	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endosulfan II (1C)	ND		2.6	1.2	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endosulfan sulfate (1C)	ND		1.9	0.37	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endrin (1C)	ND		1.9	0.77	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endrin aldehyde (1C)	ND		1.9	0.37	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Endrin ketone (1C)	ND		2.3	0.68	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
gamma-BHC (Lindane) (1C)	ND		0.93	0.24	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
gamma-Chlordane (1C)	ND		0.93	0.28	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Heptachlor (1C)	ND		0.93	0.35	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Heptachlor epoxide (1C)	ND		0.93	0.19	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Methoxychlor (1C)	ND		7.5	2.0	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
Toxaphene (1C)	ND		37	16	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
p,p'-DDD (2C)	ND		1.9	0.37	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
p,p'-DDE (1C)	ND		1.9	0.37	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1
p,p'-DDT (1C)	ND		1.9	0.89	ug/Kg	☆	09/11/20 09:45	09/15/20 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	74		30 - 150	09/11/20 09:45	09/15/20 13:15	1
DCB Decachlorobiphenyl (Surr) (2C)	73		30 - 150	09/11/20 09:45	09/15/20 13:15	1
Tetrachloro-m-xylene (Surr) (1C)	68		30 - 150	09/11/20 09:45	09/15/20 13:15	1
Tetrachloro-m-xylene (Surr) (2C)	65		30 - 150	09/11/20 09:45	09/15/20 13:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.1	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1221 (1C)	ND		19	5.2	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1232 (1C)	ND		19	9.0	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1
PCB-1260 (1C)	ND		19	5.5	ug/Kg	☆	09/11/20 09:45	09/14/20 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	80		30 - 150	09/11/20 09:45	09/14/20 16:37	1
DCB Decachlorobiphenyl (Surr) (2C)	83		30 - 150	09/11/20 09:45	09/14/20 16:37	1
Tetrachloro-m-xylene (1C)	77		30 - 150	09/11/20 09:45	09/14/20 16:37	1
Tetrachloro-m-xylene (2C)	87		30 - 150	09/11/20 09:45	09/14/20 16:37	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	81		40 - 140				09/13/20 11:29	09/15/20 13:02	1
o-terphenyl (Surr)	74		40 - 140				09/13/20 11:29	09/15/20 13:02	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C21-C40 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	49		40 - 140				09/13/20 11:23	09/16/20 12:02	1
2-Bromonaphthalene (Surr) (1C)	67		40 - 140				09/13/20 11:23	09/16/20 12:02	1
2-Fluorobiphenyl (Surr) (1C)	69		40 - 140				09/13/20 11:23	09/16/20 12:02	1
o-terphenyl (Surr) (1C)	55		40 - 140				09/13/20 11:23	09/16/20 12:02	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Aluminum	18000		22	12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Arsenic	4.3		3.3	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 09:47	1
Barium	120		0.55	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Beryllium	1.0		0.55	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Cadmium	ND		0.55	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Calcium	980		22	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Chromium	23		1.6	0.20	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Cobalt	7.9		0.55	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Copper	11		2.2	0.84	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Iron	20000		22	6.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Lead	21		1.6	0.66	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Magnesium	3400		11	4.4	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Manganese	430		1.1	0.57	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Nickel	15		1.1	0.28	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Potassium	1500		33	22	mg/Kg	✱	09/08/20 17:19	09/12/20 22:57	1
Selenium	ND		5.5	1.6	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Silver	ND		1.1	0.44	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Sodium	110		110	51	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Thallium	ND		3.3	1.4	mg/Kg	✱	09/08/20 17:19	09/12/20 22:57	1
Zinc	46		2.2	1.1	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1
Vanadium	33		1.1	0.47	mg/Kg	✱	09/08/20 17:19	09/11/20 00:05	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.068	0.028	mg/Kg	✱	09/09/20 11:40	09/10/20 16:49	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.56	0.20	mg/Kg	✱	09/14/20 12:32	09/14/20 22:56	1
Percent Moisture	11.4		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	88.6		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,1,2-Trichloroethane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2,3-Trichlorobenzene	ND		12	6.1	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2,4-Trichlorobenzene	ND		12	6.1	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2-Dibromo-3-Chloropropane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2-Dibromoethane	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2-Dichlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2-Dichloroethane	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,2-Dichloropropane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,3-Dichlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
1,4-Dichlorobenzene	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
2-Butanone	18		12	2.4	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
2-Hexanone	ND		12	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Acetone	260		24	7.3	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Benzene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Bromochloromethane	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Bromodichloromethane	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Bromoform	ND		12	6.1	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Bromomethane	ND		6.1	0.85	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Carbon disulfide	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Carbon tetrachloride	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Chlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Chloroethane	ND		6.1	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Chloroform	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Chloromethane	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
cis-1,3-Dichloropropene	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Cyclohexane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Dibromochloromethane	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Dichlorodifluoromethane	ND		6.1	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Ethylbenzene	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Freon 113	ND		12	0.73	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Isopropylbenzene	ND		6.1	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
m&p-Xylene	ND		6.1	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Methyl acetate	4.5 J		6.1	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1
Methyl tertiary butyl ether	ND		6.1	0.61	ug/Kg	✱	09/04/20 20:16	09/10/20 13:21	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Methylene Chloride	ND		6.1	2.4	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
o-Xylene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Styrene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Toluene	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
trans-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
trans-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Trichlorofluoromethane	ND		6.1	0.85	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Vinyl chloride	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1
Xylenes, Total	ND		12	1.7	ug/Kg	☼	09/04/20 20:16	09/10/20 13:21	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Dodecane	34	T J N	ug/Kg	☼	14.04	112-40-3	09/04/20 20:16	09/10/20 13:21	1
Unknown	39	T J	ug/Kg	☼	14.40		09/04/20 20:16	09/10/20 13:21	1
Unknown	41	T J	ug/Kg	☼	14.47		09/04/20 20:16	09/10/20 13:21	1
Dodecane, 4,6-dimethyl-	52	T J N	ug/Kg	☼	14.53	61141-72-8	09/04/20 20:16	09/10/20 13:21	1
Unknown	46	T J	ug/Kg	☼	14.58		09/04/20 20:16	09/10/20 13:21	1
Tridecane	130	T J N	ug/Kg	☼	14.70	629-50-5	09/04/20 20:16	09/10/20 13:21	1
Unknown	39	T J	ug/Kg	☼	14.77		09/04/20 20:16	09/10/20 13:21	1
Unknown	29	T J	ug/Kg	☼	14.82		09/04/20 20:16	09/10/20 13:21	1
Unknown	35	T J	ug/Kg	☼	14.93		09/04/20 20:16	09/10/20 13:21	1
Unknown	50	T J	ug/Kg	☼	15.01		09/04/20 20:16	09/10/20 13:21	1
Unknown	28	T J	ug/Kg	☼	15.07		09/04/20 20:16	09/10/20 13:21	1
Unknown	28	T J	ug/Kg	☼	15.11		09/04/20 20:16	09/10/20 13:21	1
Unknown	44	T J	ug/Kg	☼	15.16		09/04/20 20:16	09/10/20 13:21	1
Dodecane, 2,6,11-trimethyl-	42	T J N	ug/Kg	☼	15.20	31295-56-4	09/04/20 20:16	09/10/20 13:21	1
Tetradecane	58	T J N	ug/Kg	☼	15.34	629-59-4	09/04/20 20:16	09/10/20 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/04/20 20:16	09/10/20 13:21	1
4-Bromofluorobenzene (Surr)	100		70 - 130	09/04/20 20:16	09/10/20 13:21	1
Dibromofluoromethane (Surr)	108		70 - 130	09/04/20 20:16	09/10/20 13:21	1
Toluene-d8 (Surr)	97		70 - 130	09/04/20 20:16	09/10/20 13:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		45	21	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
1,2,4,5-Tetrachlorobenzene	ND		45	21	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
1,4-Dioxane	ND		410	120	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,2'-oxybis[1-chloropropane]	ND *		53	25	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,3,4,6-Tetrachlorophenol	ND		210	82	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4,5-Trichlorophenol	ND		82	37	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4,6-Trichlorophenol	ND		70	33	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4-Dichlorophenol	ND		53	25	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4-Dimethylphenol	ND *		82	37	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4-Dinitrophenol	ND		1200	410	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,4-Dinitrotoluene	ND		210	82	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1
2,6-Dinitrotoluene	ND		62	29	ug/Kg	☼	09/11/20 18:30	09/14/20 16:23	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		41	8.2	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
2-Chlorophenol	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
2-Methylnaphthalene	ND		41	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
2-Methylphenol	ND		82	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
2-Nitroaniline	ND		62	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
2-Nitrophenol	ND		70	33	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
3,3'-Dichlorobenzidine	ND		410	120	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
3-Nitroaniline	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4,6-Dinitro-2-methylphenol	ND		620	290	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Bromophenyl-phenylether	ND		62	29	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Chloro-3-methylphenol	ND		62	29	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Chlorophenyl-phenyl ether	ND		53	25	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Chloroaniline	ND		210	41	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Methylphenol	ND		62	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Nitroaniline	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
4-Nitrophenol	ND		620	210	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Acenaphthylene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Acenaphthene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Acetophenone	ND		62	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Anthracene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Atrazine	ND		530	250	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzaldehyde	ND *		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzo[a]anthracene	ND		21	8.2	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzo[a]pyrene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzo[b]fluoranthene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzo[g,h,i]perylene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Benzo[k]fluoranthene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Bis(2-chloroethoxy)methane	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Bis(2-chloroethyl)ether	ND *		62	29	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Bis(2-ethylhexyl) phthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Butylbenzylphthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Caprolactam	ND		210	41	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Carbazole	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Chrysene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Di-n-butyl phthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Di-n-octyl phthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Dibenz(a,h)anthracene	ND		21	8.2	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Dibenzofuran	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Dimethyl phthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Diethyl phthalate	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Fluoranthene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Fluorene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Hexachlorobenzene	ND		21	8.2	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Hexachlorobutadiene	ND		94	45	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Hexachlorocyclopentadiene	ND		620	250	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Hexachloroethane	ND *		210	41	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Indeno[1,2,3-cd]pyrene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Isophorone	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
N-Nitrosodi-n-propylamine	ND		62	29	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Naphthalene	ND		21	8.2	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Nitrobenzene	ND		82	33	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Pentachlorophenol	ND		210	82	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Phenanthrene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Phenol	ND		45	21	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1
Pyrene	ND		21	4.1	ug/Kg	✱	09/11/20 18:30	09/14/20 16:23	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	370	T J B	ug/Kg	✱	3.87		09/11/20 18:30	09/14/20 16:23	1
Unknown	360	T J	ug/Kg	✱	7.38		09/11/20 18:30	09/14/20 16:23	1
Unknown	210	T J	ug/Kg	✱	7.93		09/11/20 18:30	09/14/20 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		30 - 130	09/11/20 18:30	09/14/20 16:23	1
2-Fluorophenol (Surr)	66		30 - 130	09/11/20 18:30	09/14/20 16:23	1
p-Terphenyl-d14 (Surr)	79		30 - 130	09/11/20 18:30	09/14/20 16:23	1
Phenol-d5 (Surr)	67		30 - 130	09/11/20 18:30	09/14/20 16:23	1
Nitrobenzene-d5 (Surr)	62		30 - 130	09/11/20 18:30	09/14/20 16:23	1
2-Fluorobiphenyl (Surr)	70		30 - 130	09/11/20 18:30	09/14/20 16:23	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
alpha-BHC (1C)	ND		1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
alpha-Chlordane (1C)	ND		1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
beta-BHC (1C)	ND		1.2	0.55	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
delta-BHC (1C)	ND		1.2	0.56	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Dieldrin (2C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endosulfan I (1C)	ND		1.0	0.27	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endosulfan II (1C)	ND		2.9	1.4	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endosulfan sulfate (1C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endrin (1C)	ND		2.1	0.85	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endrin aldehyde (1C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Endrin ketone (1C)	ND		2.5	0.75	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
gamma-BHC (Lindane) (1C)	ND		1.0	0.26	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
gamma-Chlordane (1C)	ND		1.0	0.31	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Heptachlor (1C)	ND		1.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Heptachlor epoxide (1C)	ND		1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Methoxychlor (1C)	ND		8.3	2.2	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
Toxaphene (1C)	ND		41	17	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
p,p'-DDD (2C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
p,p'-DDE (1C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1
p,p'-DDT (1C)	ND		2.1	0.98	ug/Kg	✱	09/11/20 09:45	09/15/20 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	75		30 - 150	09/11/20 09:45	09/15/20 13:27	1
DCB Decachlorobiphenyl (Surr) (2C)	74		30 - 150	09/11/20 09:45	09/15/20 13:27	1
Tetrachloro-m-xylene (Surr) (1C)	56		30 - 150	09/11/20 09:45	09/15/20 13:27	1
Tetrachloro-m-xylene (Surr) (2C)	57		30 - 150	09/11/20 09:45	09/15/20 13:27	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.5	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1221 (1C)	ND		21	5.7	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1232 (1C)	ND		21	10	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1242 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1248 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1254 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1
PCB-1260 (1C)	ND		21	6.1	ug/Kg	✱	09/11/20 09:45	09/14/20 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	81		30 - 150	09/11/20 09:45	09/14/20 16:47	1
DCB Decachlorobiphenyl (Surr) (2C)	76		30 - 150	09/11/20 09:45	09/14/20 16:47	1
Tetrachloro-m-xylene (1C)	67		30 - 150	09/11/20 09:45	09/14/20 16:47	1
Tetrachloro-m-xylene (2C)	76		30 - 150	09/11/20 09:45	09/14/20 16:47	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	✱	09/13/20 11:29	09/15/20 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	81		40 - 140	09/13/20 11:29	09/15/20 14:17	1
o-terphenyl (Surr)	73		40 - 140	09/13/20 11:29	09/15/20 14:17	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C12-C16 Aromatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C16-C21 Aliphatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C16-C21 Aromatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C21-C36 Aromatic (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C21-C40 Aliphatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C10-C12 Aromatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1
C9-C12 Aliphatics (1C)	ND		12	3.7	mg/Kg	✱	09/13/20 11:23	09/16/20 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	41		40 - 140	09/13/20 11:23	09/16/20 14:03	1
2-Bromonaphthalene (Surr) (1C)	79		40 - 140	09/13/20 11:23	09/16/20 14:03	1
2-Fluorobiphenyl (Surr) (1C)	82		40 - 140	09/13/20 11:23	09/16/20 14:03	1
o-terphenyl (Surr) (1C)	66		40 - 140	09/13/20 11:23	09/16/20 14:03	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Aluminum	37000		24	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Arsenic	6.4		3.6	1.4	mg/Kg	✱	09/08/20 17:19	09/11/20 09:50	1
Barium	240		0.59	0.18	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Beryllium	1.9		0.59	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Cadmium	ND		0.59	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Calcium	710		24	14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Chromium	57		1.8	0.21	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Cobalt	17		0.59	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Copper	31		2.4	0.91	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	51000		120	37	mg/Kg	✱	09/08/20 17:19	09/11/20 09:53	5
Lead	41		1.8	0.71	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Magnesium	7900		12	4.7	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Manganese	650		1.2	0.62	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Nickel	36		1.2	0.31	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Potassium	5300		36	24	mg/Kg	✱	09/08/20 17:19	09/11/20 09:50	1
Selenium	2.6 J		5.9	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Silver	ND		1.2	0.47	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Sodium	510		120	55	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Thallium	ND		3.6	1.5	mg/Kg	✱	09/08/20 17:19	09/12/20 23:00	1
Zinc	81		2.4	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1
Vanadium	66		1.2	0.51	mg/Kg	✱	09/08/20 17:19	09/11/20 00:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.075	0.031	mg/Kg	✱	09/09/20 11:40	09/10/20 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.65	0.23	mg/Kg	✱	09/13/20 13:31	09/14/20 11:54	1
Percent Moisture	19.7		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	80.3		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,1,2-Trichloroethane	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2,3-Trichlorobenzene	ND		12	5.8	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2,4-Trichlorobenzene	ND		12	5.8	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2-Dibromo-3-Chloropropane	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2-Dibromoethane	ND		5.8	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2-Dichloroethane	ND		5.8	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,2-Dichloropropane	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
1,4-Dichlorobenzene	ND		5.8	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
2-Butanone	33		12	2.3	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
2-Hexanone	ND		12	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
Acetone	510		23	6.9	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
Benzene	ND		5.8	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
Bromochloromethane	ND		5.8	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1
Bromodichloromethane	ND		5.8	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 13:44	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		12	5.8	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Bromomethane	ND		5.8	0.81	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Carbon disulfide	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Carbon tetrachloride	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Chlorobenzene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Chloroform	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Chloromethane	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
cis-1,3-Dichloropropene	ND		5.8	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Cyclohexane	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Dibromochloromethane	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Dichlorodifluoromethane	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Ethylbenzene	ND		5.8	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Freon 113	ND		12	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Isopropylbenzene	ND		5.8	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
m&p-Xylene	ND		5.8	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Methyl acetate	58		5.8	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Methyl tertiary butyl ether	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Methylcyclohexane	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Methylene Chloride	ND		5.8	2.3	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
o-Xylene	ND		5.8	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Styrene	ND		5.8	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Toluene	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Trichloroethene	ND		5.8	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Trichlorofluoromethane	ND		5.8	0.81	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Vinyl chloride	ND		5.8	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1
Xylenes, Total	ND		12	1.6	ug/Kg	☼	09/04/20 20:16	09/10/20 13:44	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	14	T J	ug/Kg	☼	2.30		09/04/20 20:16	09/10/20 13:44	1
Unknown	11	T J	ug/Kg	☼	4.21		09/04/20 20:16	09/10/20 13:44	1
Pentanal	11	T J N	ug/Kg	☼	8.46	110-62-3	09/04/20 20:16	09/10/20 13:44	1
Unknown	76	T J	ug/Kg	☼	10.51		09/04/20 20:16	09/10/20 13:44	1
Heptanal	10	T J N	ug/Kg	☼	11.86	111-71-7	09/04/20 20:16	09/10/20 13:44	1
Octanal	14	T J N	ug/Kg	☼	12.87	124-13-0	09/04/20 20:16	09/10/20 13:44	1
Nonanal	9.4	T J N	ug/Kg	☼	13.69	124-19-6	09/04/20 20:16	09/10/20 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/04/20 20:16	09/10/20 13:44	1
4-Bromofluorobenzene (Surr)	91		70 - 130	09/04/20 20:16	09/10/20 13:44	1
Dibromofluoromethane (Surr)	104		70 - 130	09/04/20 20:16	09/10/20 13:44	1
Toluene-d8 (Surr)	104		70 - 130	09/04/20 20:16	09/10/20 13:44	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		41	19	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
1,4-Dioxane	ND		370	110	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,2'-oxybis[1-chloropropane]	ND	*	48	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,3,4,6-Tetrachlorophenol	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4,5-Trichlorophenol	ND		74	33	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4,6-Trichlorophenol	ND		63	30	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4-Dichlorophenol	ND		48	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4-Dimethylphenol	ND	*	74	33	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,4-Dinitrotoluene	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2,6-Dinitrotoluene	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Chloronaphthalene	ND		37	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Chlorophenol	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Methylnaphthalene	ND		37	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Methylphenol	ND		74	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Nitroaniline	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
2-Nitrophenol	ND		63	30	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
3,3'-Dichlorobenzidine	ND	*	370	110	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
3-Nitroaniline	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4,6-Dinitro-2-methylphenol	ND		560	260	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Bromophenyl-phenylether	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Chloro-3-methylphenol	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Chlorophenyl-phenyl ether	ND		48	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Chloroaniline	ND		190	37	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Methylphenol	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Nitroaniline	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
4-Nitrophenol	ND		560	190	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Acenaphthylene	12	J	19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Acenaphthene	ND		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Acetophenone	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Anthracene	37		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Atrazine	ND		480	220	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzaldehyde	ND	*	190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzo[a]anthracene	120		19	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzo[a]pyrene	100		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzo[b]fluoranthene	130		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzo[g,h,i]perylene	81		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Benzo[k]fluoranthene	60		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Bis(2-chloroethoxy)methane	ND	*	41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Bis(2-chloroethyl)ether	ND	*	56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Bis(2-ethylhexyl) phthalate	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Butylbenzylphthalate	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Caprolactam	ND		190	37	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Carbazole	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Chrysene	130		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Di-n-butyl phthalate	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Di-n-octyl phthalate	ND		190	74	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Dibenz(a,h)anthracene	23		19	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1
Dibenzofuran	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:10	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		190	74	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Diethyl phthalate	ND		190	74	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Fluoranthene	240		19	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Fluorene	9.0 J		19	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Hexachlorobenzene	ND		19	7.4	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Hexachlorobutadiene	ND		86	41	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Hexachlorocyclopentadiene	ND		560	220	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Hexachloroethane	ND *		190	37	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Indeno[1,2,3-cd]pyrene	75		19	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Isophorone	ND		41	19	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
N-Nitrosodi-n-propylamine	ND *		56	26	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
N-Nitrosodiphenylamine	ND		41	19	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Naphthalene	8.1 J		19	7.4	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Nitrobenzene	ND *		74	30	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Pentachlorophenol	ND		190	74	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Phenanthrene	92		19	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Phenol	ND		41	19	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1
Pyrene	200		19	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:10	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Furfural	1000	T J N	ug/Kg	☼	3.73	98-01-1	09/14/20 09:45	09/15/20 04:10	1
Unknown	660	T J	ug/Kg	☼	4.04		09/14/20 09:45	09/15/20 04:10	1
Unknown	670	T J	ug/Kg	☼	6.09		09/14/20 09:45	09/15/20 04:10	1
Unknown	690	T J	ug/Kg	☼	6.89		09/14/20 09:45	09/15/20 04:10	1
Unknown	480	T J	ug/Kg	☼	9.69		09/14/20 09:45	09/15/20 04:10	1
n-Hexadecanoic acid	1000	T J N	ug/Kg	☼	10.48	57-10-3	09/14/20 09:45	09/15/20 04:10	1
Heneicosanoic acid	770	T J N	ug/Kg	☼	13.33	2363-71-5	09/14/20 09:45	09/15/20 04:10	1
1-Tricosene	3300	T J N	ug/Kg	☼	13.77	18835-32-0	09/14/20 09:45	09/15/20 04:10	1
Unknown	780	T J	ug/Kg	☼	13.99		09/14/20 09:45	09/15/20 04:10	1
Oxirane, hexadecyl-	770	T J N	ug/Kg	☼	14.23	7390-81-0	09/14/20 09:45	09/15/20 04:10	1
Docosane	1700	T J N	ug/Kg	☼	14.43	629-97-0	09/14/20 09:45	09/15/20 04:10	1
Phosphonic acid, dioctadecyl ester	660	T J N	ug/Kg	☼	14.46	19047-85-9	09/14/20 09:45	09/15/20 04:10	1
Ergost-5-en-3-ol, (3.beta.)-	700	T J N	ug/Kg	☼	15.09	4651-51-8	09/14/20 09:45	09/15/20 04:10	1
Nonadecane	1000	T J N	ug/Kg	☼	15.23	629-92-5	09/14/20 09:45	09/15/20 04:10	1
Stigmasterol, 22,23-dihydro-	1200	T J N	ug/Kg	☼	15.49	1000214-20-7	09/14/20 09:45	09/15/20 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		30 - 130	09/14/20 09:45	09/15/20 04:10	1
2-Fluorophenol (Surr)	55		30 - 130	09/14/20 09:45	09/15/20 04:10	1
p-Terphenyl-d14 (Surr)	71		30 - 130	09/14/20 09:45	09/15/20 04:10	1
Phenol-d5 (Surr)	60		30 - 130	09/14/20 09:45	09/15/20 04:10	1
Nitrobenzene-d5 (Surr)	63		30 - 130	09/14/20 09:45	09/15/20 04:10	1
2-Fluorobiphenyl (Surr)	64		30 - 130	09/14/20 09:45	09/15/20 04:10	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.94	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 13:39	1
alpha-BHC (1C)	ND		0.94	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 13:39	1
alpha-Chlordane (1C)	ND		0.94	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 13:39	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC (1C)	ND		1.1	0.50	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
delta-BHC (1C)	ND		1.1	0.51	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Dieldrin (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endosulfan I (1C)	ND		0.94	0.25	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endosulfan II (1C)	ND		2.6	1.2	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endosulfan sulfate (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endrin (1C)	ND		1.9	0.77	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endrin aldehyde (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Endrin ketone (1C)	ND		2.3	0.68	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
gamma-BHC (Lindane) (1C)	ND		0.94	0.24	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
gamma-Chlordane (1C)	ND		0.94	0.28	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Heptachlor (1C)	ND		0.94	0.35	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Heptachlor epoxide (1C)	ND		0.94	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Methoxychlor (1C)	ND		7.6	2.0	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
Toxaphene (1C)	ND		37	16	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
p,p'-DDD (2C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
p,p'-DDE (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1
p,p'-DDT (1C)	ND		1.9	0.89	ug/Kg	✱	09/11/20 09:45	09/15/20 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	14	X	30 - 150	09/11/20 09:45	09/15/20 13:39	1
DCB Decachlorobiphenyl (Surr) (2C)	17	X	30 - 150	09/11/20 09:45	09/15/20 13:39	1
Tetrachloro-m-xylene (Surr) (1C)	11	X	30 - 150	09/11/20 09:45	09/15/20 13:39	1
Tetrachloro-m-xylene (Surr) (2C)	13	X	30 - 150	09/11/20 09:45	09/15/20 13:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.0	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1221 (1C)	ND		19	5.2	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1232 (1C)	ND		19	9.0	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1
PCB-1260 (1C)	7.1	J	19	5.5	ug/Kg	✱	09/16/20 09:15	09/18/20 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	91		30 - 150	09/16/20 09:15	09/18/20 15:05	1
DCB Decachlorobiphenyl (Surr) (2C)	100		30 - 150	09/16/20 09:15	09/18/20 15:05	1
Tetrachloro-m-xylene (1C)	76		30 - 150	09/16/20 09:15	09/18/20 15:05	1
Tetrachloro-m-xylene (2C)	84		30 - 150	09/16/20 09:15	09/18/20 15:05	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	55		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	83		40 - 140	09/13/20 11:29	09/15/20 14:41	1
o-terphenyl (Surr)	75		40 - 140	09/13/20 11:29	09/15/20 14:41	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C21-C36 Aromatic (1C)	4.0	J	11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C21-C40 Aliphatics (1C)	4.4	J B	11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C10-C12 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
C9-C12 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	47		40 - 140				09/13/20 11:23	09/16/20 14:43	1
2-Bromonaphthalene (Surr) (1C)	76		40 - 140				09/13/20 11:23	09/16/20 14:43	1
2-Fluorobiphenyl (Surr) (1C)	78		40 - 140				09/13/20 11:23	09/16/20 14:43	1
o-terphenyl (Surr) (1C)	67		40 - 140				09/13/20 11:23	09/16/20 14:43	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluoroheptanoic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorooctanoic acid	0.46	J	0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorononanoic acid	0.34	J	0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorodecanoic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorotridecanoic acid	0.25	J	0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorotetradecanoic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorobutanesulfonic acid	ND		2.2	0.45	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorohexanesulfonic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorooctanesulfonic acid	0.48	J	0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluoroundecanoic acid	0.54	J	0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Perfluorododecanoic acid	ND		0.67	0.22	ng/g	✱	09/08/20 08:51	09/08/20 23:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	75		11 - 138				09/08/20 08:51	09/08/20 23:45	1
13C4 PFHpA	75		15 - 139				09/08/20 08:51	09/08/20 23:45	1
13C8 PFOA	83		21 - 133				09/08/20 08:51	09/08/20 23:45	1
13C9 PFNA	82		15 - 145				09/08/20 08:51	09/08/20 23:45	1
13C6 PFDA	86		21 - 134				09/08/20 08:51	09/08/20 23:45	1
13C7 PFUnA	79		15 - 138				09/08/20 08:51	09/08/20 23:45	1
13C2-PFDoDA	81		28 - 126				09/08/20 08:51	09/08/20 23:45	1
13C2 PFTeDA	76		10 - 138				09/08/20 08:51	09/08/20 23:45	1
13C3 PFBS	97		23 - 130				09/08/20 08:51	09/08/20 23:45	1
13C3 PFHxS	92		24 - 136				09/08/20 08:51	09/08/20 23:45	1
13C8 PFOS	94		31 - 130				09/08/20 08:51	09/08/20 23:45	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	✱	09/08/20 17:19	09/11/20 00:11	1
Aluminum	25000		22	12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:11	1
Arsenic	7.3		3.3	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 09:56	1
Barium	130		0.55	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:11	1
Beryllium	1.3		0.55	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:11	1
Cadmium	ND		0.55	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:11	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1600		22	13	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Chromium	31		1.7	0.20	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Cobalt	12		0.55	0.16	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Copper	21		2.2	0.85	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Iron	28000		22	6.9	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Lead	36		1.7	0.66	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Magnesium	4800		11	4.4	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Manganese	700		1.1	0.57	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Nickel	21		1.1	0.29	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Potassium	2700		33	23	mg/Kg	☆	09/08/20 17:19	09/12/20 23:04	1
Selenium	2.1 J		5.5	1.7	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Silver	ND		1.1	0.44	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Sodium	140		110	51	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Thallium	ND		3.3	1.4	mg/Kg	☆	09/08/20 17:19	09/12/20 23:04	1
Zinc	66		2.2	1.1	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1
Vanadium	50		1.1	0.48	mg/Kg	☆	09/08/20 17:19	09/11/20 00:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.062	0.026	mg/Kg	☆	09/09/20 11:40	09/10/20 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.56	0.20	mg/Kg	☆	09/13/20 13:31	09/14/20 11:56	1
Percent Moisture	11.3		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	88.7		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,1,2-Trichloroethane	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2,3-Trichlorobenzene	ND		12	6.1	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2,4-Trichlorobenzene	ND		12	6.1	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2-Dibromo-3-Chloropropane	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2-Dibromoethane	ND		6.1	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2-Dichlorobenzene	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2-Dichloroethane	ND		6.1	0.73	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,2-Dichloropropane	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,3-Dichlorobenzene	ND		6.1	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
1,4-Dichlorobenzene	ND		6.1	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
2-Butanone	33		12	2.4	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
2-Hexanone	ND		12	1.2	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	☆	09/04/20 20:16	09/10/20 14:07	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	540		24	7.3	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Benzene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Bromochloromethane	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Bromodichloromethane	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Bromoform	ND		12	6.1	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Bromomethane	ND		6.1	0.85	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Carbon disulfide	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Carbon tetrachloride	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Chlorobenzene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Chloroethane	ND		6.1	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Chloroform	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Chloromethane	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
cis-1,3-Dichloropropene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Cyclohexane	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Dibromochloromethane	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Dichlorodifluoromethane	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Ethylbenzene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Freon 113	ND		12	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Isopropylbenzene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
m&p-Xylene	ND		6.1	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Methyl acetate	83		6.1	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Methyl tertiary butyl ether	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Methylcyclohexane	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Methylene Chloride	ND		6.1	2.4	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
o-Xylene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Styrene	ND		6.1	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Toluene	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
trans-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
trans-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Trichlorofluoromethane	ND		6.1	0.85	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Vinyl chloride	ND		6.1	0.73	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1
Xylenes, Total	ND		12	1.7	ug/Kg	☼	09/04/20 20:16	09/10/20 14:07	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Acetaldehyde	16	T J N	ug/Kg	☼	2.30	75-07-0	09/04/20 20:16	09/10/20 14:07	1
Pentanal	12	T J N	ug/Kg	☼	8.46	110-62-3	09/04/20 20:16	09/10/20 14:07	1
Hexanal	81	T J N	ug/Kg	☼	10.51	66-25-1	09/04/20 20:16	09/10/20 14:07	1
Heptanal	13	T J N	ug/Kg	☼	11.86	111-71-7	09/04/20 20:16	09/10/20 14:07	1
Octanal	17	T J N	ug/Kg	☼	12.87	124-13-0	09/04/20 20:16	09/10/20 14:07	1
Nonanal	12	T J N	ug/Kg	☼	13.69	124-19-6	09/04/20 20:16	09/10/20 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130	09/04/20 20:16	09/10/20 14:07	1
4-Bromofluorobenzene (Surr)	93		70 - 130	09/04/20 20:16	09/10/20 14:07	1
Dibromofluoromethane (Surr)	104		70 - 130	09/04/20 20:16	09/10/20 14:07	1
Toluene-d8 (Surr)	103		70 - 130	09/04/20 20:16	09/10/20 14:07	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
1,2,4,5-Tetrachlorobenzene	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
1,4-Dioxane	ND		370	110	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,2'-oxybis[1-chloropropane]	ND	*	49	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,3,4,6-Tetrachlorophenol	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4,5-Trichlorophenol	ND		75	34	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4,6-Trichlorophenol	ND		64	30	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4-Dichlorophenol	ND		49	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4-Dimethylphenol	ND	*	75	34	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,4-Dinitrotoluene	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2,6-Dinitrotoluene	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Chloronaphthalene	ND		37	7.5	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Chlorophenol	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Methylnaphthalene	ND		37	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Methylphenol	ND		75	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Nitroaniline	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
2-Nitrophenol	ND		64	30	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
3,3'-Dichlorobenzidine	ND	*	370	110	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
3-Nitroaniline	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4,6-Dinitro-2-methylphenol	ND		560	260	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Bromophenyl-phenylether	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Chloro-3-methylphenol	ND		56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Chlorophenyl-phenyl ether	ND		49	22	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Chloroaniline	ND		190	37	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Methylphenol	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Nitroaniline	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
4-Nitrophenol	ND		560	190	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Acenaphthylene	8.4	J	19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Acenaphthene	4.0	J	19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Acetophenone	ND		56	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Anthracene	25		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Atrazine	ND		490	220	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzaldehyde	ND	*	190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzo[a]anthracene	75		19	7.5	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzo[a]pyrene	73		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzo[b]fluoranthene	100		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzo[g,h,i]perylene	56		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Benzo[k]fluoranthene	27		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Bis(2-chloroethoxy)methane	ND	*	41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Bis(2-chloroethyl)ether	ND	*	56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Bis(2-ethylhexyl) phthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Butylbenzylphthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Caprolactam	ND		190	37	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Carbazole	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Chrysene	87		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Di-n-butyl phthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Di-n-octyl phthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Dibenz(a,h)anthracene	ND		19	7.5	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Dimethyl phthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Diethyl phthalate	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Fluoranthene	160		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Fluorene	6.4	J	19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Hexachlorobenzene	ND		19	7.5	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Hexachlorobutadiene	ND		86	41	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Hexachlorocyclopentadiene	ND		560	220	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Hexachloroethane	ND	*	190	37	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Indeno[1,2,3-cd]pyrene	49		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Isophorone	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
N-Nitrosodi-n-propylamine	ND	*	56	26	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
N-Nitrosodiphenylamine	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Naphthalene	ND		19	7.5	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Nitrobenzene	ND	*	75	30	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Pentachlorophenol	ND		190	75	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Phenanthrene	64		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Phenol	ND		41	19	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1
Pyrene	130		19	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 04:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	1200	T J N	ug/Kg	✱	10.48	57-10-3	09/14/20 09:45	09/15/20 04:34	1
Oleic Acid	600	T J N	ug/Kg	✱	11.17	112-80-1	09/14/20 09:45	09/15/20 04:34	1
Unknown	470	T J	ug/Kg	✱	12.43		09/14/20 09:45	09/15/20 04:34	1
Docosanoic acid	480	T J N	ug/Kg	✱	12.65	112-85-6	09/14/20 09:45	09/15/20 04:34	1
Unknown	740	T J	ug/Kg	✱	13.33		09/14/20 09:45	09/15/20 04:34	1
Cyclotetrasiloxane	4900	T J N	ug/Kg	✱	13.77	297-03-0	09/14/20 09:45	09/15/20 04:34	1
1-Docosene	730	T J N	ug/Kg	✱	13.99	1599-67-3	09/14/20 09:45	09/15/20 04:34	1
Heptacosane, 1-chloro-	520	T J N	ug/Kg	✱	14.08	62016-79-9	09/14/20 09:45	09/15/20 04:34	1
Oxirane, heptadecyl-	920	T J N	ug/Kg	✱	14.23	67860-04-2	09/14/20 09:45	09/15/20 04:34	1
Dotriacontane	1800	T J N	ug/Kg	✱	14.43	544-85-4	09/14/20 09:45	09/15/20 04:34	1
Z-14-Nonacosane	660	T J N	ug/Kg	✱	14.46	1000131-18-9	09/14/20 09:45	09/15/20 04:34	1
Ergost-5-en-3-ol, (3.beta.)-	570	T J N	ug/Kg	✱	15.09	4651-51-8	09/14/20 09:45	09/15/20 04:34	1
Hexacosane	860	T J N	ug/Kg	✱	15.23	630-01-3	09/14/20 09:45	09/15/20 04:34	1
.gamma.-Sitosterol	1300	T J N	ug/Kg	✱	15.49	83-47-6	09/14/20 09:45	09/15/20 04:34	1
Unknown	430	T J	ug/Kg	✱	15.82		09/14/20 09:45	09/15/20 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		30 - 130	09/14/20 09:45	09/15/20 04:34	1
2-Fluorophenol (Surr)	58		30 - 130	09/14/20 09:45	09/15/20 04:34	1
p-Terphenyl-d14 (Surr)	69		30 - 130	09/14/20 09:45	09/15/20 04:34	1
Phenol-d5 (Surr)	64		30 - 130	09/14/20 09:45	09/15/20 04:34	1
Nitrobenzene-d5 (Surr)	62		30 - 130	09/14/20 09:45	09/15/20 04:34	1
2-Fluorobiphenyl (Surr)	65		30 - 130	09/14/20 09:45	09/15/20 04:34	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.92	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
alpha-BHC (1C)	ND		0.92	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane (1C)	ND		0.92	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
beta-BHC (1C)	ND		1.1	0.49	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
delta-BHC (2C)	ND		1.1	0.50	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Dieldrin (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endosulfan I (1C)	ND		0.92	0.24	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endosulfan II (1C)	ND		2.6	1.2	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endosulfan sulfate (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endrin (1C)	ND		1.9	0.76	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endrin aldehyde (2C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Endrin ketone (1C)	ND		2.2	0.67	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
gamma-BHC (Lindane) (1C)	ND		0.92	0.23	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
gamma-Chlordane (2C)	ND		0.92	0.28	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Heptachlor (1C)	ND		0.92	0.34	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Heptachlor epoxide (1C)	ND		0.92	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Methoxychlor (1C)	ND		7.4	2.0	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
Toxaphene (1C)	ND		37	16	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
p,p'-DDD (2C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
p,p'-DDE (1C)	ND		1.9	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1
p,p'-DDT (1C)	ND		1.9	0.88	ug/Kg	✱	09/11/20 09:45	09/15/20 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	59		30 - 150	09/11/20 09:45	09/15/20 13:51	1
DCB Decachlorobiphenyl (Surr) (2C)	71		30 - 150	09/11/20 09:45	09/15/20 13:51	1
Tetrachloro-m-xylene (Surr) (1C)	60		30 - 150	09/11/20 09:45	09/15/20 13:51	1
Tetrachloro-m-xylene (Surr) (2C)	55		30 - 150	09/11/20 09:45	09/15/20 13:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1221 (1C)	ND		19	5.1	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1232 (1C)	ND		19	8.9	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1
PCB-1260 (1C)	ND		19	5.4	ug/Kg	✱	09/11/20 09:45	09/14/20 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	60		30 - 150	09/11/20 09:45	09/14/20 17:08	1
DCB Decachlorobiphenyl (Surr) (2C)	68		30 - 150	09/11/20 09:45	09/14/20 17:08	1
Tetrachloro-m-xylene (1C)	62		30 - 150	09/11/20 09:45	09/14/20 17:08	1
Tetrachloro-m-xylene (2C)	69		30 - 150	09/11/20 09:45	09/14/20 17:08	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	64		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	83		40 - 140	09/13/20 11:29	09/15/20 15:06	1
o-terphenyl (Surr)	75		40 - 140	09/13/20 11:29	09/15/20 15:06	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C21-C36 Aromatic (1C)	3.8	J	11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C21-C40 Aliphatics (1C)	4.6	J B	11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C10-C12 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
C9-C12 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	45		40 - 140				09/13/20 11:23	09/16/20 15:23	1
2-Bromonaphthalene (Surr) (1C)	74		40 - 140				09/13/20 11:23	09/16/20 15:23	1
2-Fluorobiphenyl (Surr) (1C)	77		40 - 140				09/13/20 11:23	09/16/20 15:23	1
o-terphenyl (Surr) (1C)	65		40 - 140				09/13/20 11:23	09/16/20 15:23	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluoroheptanoic acid	0.21	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorooctanoic acid	0.51	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorononanoic acid	0.37	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorodecanoic acid	0.22	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorotridecanoic acid	0.21	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorotetradecanoic acid	ND		0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorobutanesulfonic acid	ND		2.1	0.42	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorohexanesulfonic acid	ND		0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorooctanesulfonic acid	0.54	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluoroundecanoic acid	0.45	J	0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Perfluorododecanoic acid	ND		0.64	0.21	ng/g	✱	09/08/20 08:51	09/08/20 23:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	74		11 - 138				09/08/20 08:51	09/08/20 23:55	1
13C4 PFHpA	75		15 - 139				09/08/20 08:51	09/08/20 23:55	1
13C8 PFOA	82		21 - 133				09/08/20 08:51	09/08/20 23:55	1
13C9 PFNA	83		15 - 145				09/08/20 08:51	09/08/20 23:55	1
13C6 PFDA	85		21 - 134				09/08/20 08:51	09/08/20 23:55	1
13C7 PFUnA	87		15 - 138				09/08/20 08:51	09/08/20 23:55	1
13C2-PFDoDA	85		28 - 126				09/08/20 08:51	09/08/20 23:55	1
13C2 PFTeDA	84		10 - 138				09/08/20 08:51	09/08/20 23:55	1
13C3 PFBS	99		23 - 130				09/08/20 08:51	09/08/20 23:55	1
13C3 PFHxS	96		24 - 136				09/08/20 08:51	09/08/20 23:55	1
13C8 PFOS	96		31 - 130				09/08/20 08:51	09/08/20 23:55	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:14	1
Aluminum	25000		21	11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:14	1
Arsenic	7.3		3.2	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 10:06	1
Barium	130		0.53	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:14	1
Beryllium	1.3		0.53	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:14	1
Cadmium	ND		0.53	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:14	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	2200		21	13	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Chromium	33		1.6	0.19	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Cobalt	12		0.53	0.16	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Copper	23		2.1	0.82	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Iron	31000		110	33	mg/Kg	☆	09/08/20 17:19	09/11/20 10:09	5
Lead	35		1.6	0.64	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Magnesium	5300		11	4.2	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Manganese	720		1.1	0.55	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Nickel	22		1.1	0.28	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Potassium	2900		32	22	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Selenium	3.2 J		5.3	1.6	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Silver	ND		1.1	0.42	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Sodium	170		110	49	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Thallium	ND		3.2	1.4	mg/Kg	☆	09/08/20 17:19	09/12/20 23:07	1
Zinc	64		2.1	1.1	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1
Vanadium	52		1.1	0.46	mg/Kg	☆	09/08/20 17:19	09/11/20 00:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063		0.063	0.026	mg/Kg	☆	09/09/20 11:40	09/10/20 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.61	0.22	mg/Kg	☆	09/13/20 13:31	09/14/20 11:57	1
Percent Moisture	11.2		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	88.8		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.6	0.91	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,1,2,2-Tetrachloroethane	ND		7.6	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,1,2-Trichloroethane	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,1-Dichloroethane	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,1-Dichloroethene	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2,3-Trichlorobenzene	ND		15	7.6	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2,4-Trichlorobenzene	ND		15	7.6	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2-Dibromo-3-Chloropropane	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2-Dibromoethane	ND		7.6	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2-Dichlorobenzene	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2-Dichloroethane	ND		7.6	0.91	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,2-Dichloropropane	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,3-Dichlorobenzene	ND		7.6	0.76	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
1,4-Dichlorobenzene	ND		7.6	0.61	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
2-Butanone	32		15	3.0	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
2-Hexanone	ND		15	1.5	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1
4-Methyl-2-pentanone	ND		15	1.5	ug/Kg	☆	09/04/20 20:16	09/10/20 18:45	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	600		30	9.1	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Benzene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Bromochloromethane	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Bromodichloromethane	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Bromoform	ND		15	7.6	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Bromomethane	ND		7.6	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Carbon disulfide	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Carbon tetrachloride	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Chlorobenzene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Chloroethane	ND		7.6	1.5	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Chloroform	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Chloromethane	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
cis-1,2-Dichloroethene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
cis-1,3-Dichloropropene	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Cyclohexane	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Dibromochloromethane	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Dichlorodifluoromethane	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Ethylbenzene	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Freon 113	ND		15	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Isopropylbenzene	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
m&p-Xylene	ND		7.6	1.5	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Methyl acetate	90		7.6	1.5	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Methyl tertiary butyl ether	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Methylcyclohexane	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Methylene Chloride	ND		7.6	3.0	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
o-Xylene	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Styrene	ND		7.6	0.61	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Tetrachloroethene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Toluene	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
trans-1,2-Dichloroethene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
trans-1,3-Dichloropropene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Trichloroethene	ND		7.6	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Trichlorofluoromethane	ND		7.6	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Vinyl chloride	ND		7.6	0.91	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1
Xylenes, Total	ND		15	2.1	ug/Kg	☼	09/04/20 20:16	09/10/20 18:45	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	55	T J	ug/Kg	☼	10.51		09/04/20 20:16	09/10/20 18:45	1
Dodecane	58	T J N	ug/Kg	☼	14.04	112-40-3	09/04/20 20:16	09/10/20 18:45	1
Unknown	64	T J	ug/Kg	☼	14.40		09/04/20 20:16	09/10/20 18:45	1
Unknown	66	T J	ug/Kg	☼	14.47		09/04/20 20:16	09/10/20 18:45	1
Dodecane, 4,6-dimethyl-	86	T J N	ug/Kg	☼	14.53	61141-72-8	09/04/20 20:16	09/10/20 18:45	1
Tridecane	240	T J N	ug/Kg	☼	14.70	629-50-5	09/04/20 20:16	09/10/20 18:45	1
Unknown	84	T J	ug/Kg	☼	14.77		09/04/20 20:16	09/10/20 18:45	1
Unknown	51	T J	ug/Kg	☼	14.81		09/04/20 20:16	09/10/20 18:45	1
Unknown	52	T J	ug/Kg	☼	14.93		09/04/20 20:16	09/10/20 18:45	1
Unknown	88	T J	ug/Kg	☼	15.01		09/04/20 20:16	09/10/20 18:45	1
Unknown	44	T J	ug/Kg	☼	15.07		09/04/20 20:16	09/10/20 18:45	1
Unknown	44	T J	ug/Kg	☼	15.11		09/04/20 20:16	09/10/20 18:45	1
Dodecane, 6-cyclohexyl-	61	T J N	ug/Kg	☼	15.16	13151-86-5	09/04/20 20:16	09/10/20 18:45	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Dodecane, 2,6,10-trimethyl-	57	T J N	ug/Kg	⊛	15.20	3891-98-3	09/04/20 20:16	09/10/20 18:45	1
Tetradecane	95	T J N	ug/Kg	⊛	15.34	629-59-4	09/04/20 20:16	09/10/20 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130				09/04/20 20:16	09/10/20 18:45	1
4-Bromofluorobenzene (Surr)	96		70 - 130				09/04/20 20:16	09/10/20 18:45	1
Dibromofluoromethane (Surr)	106		70 - 130				09/04/20 20:16	09/10/20 18:45	1
Toluene-d8 (Surr)	100		70 - 130				09/04/20 20:16	09/10/20 18:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		40	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
1,2,4,5-Tetrachlorobenzene	ND		40	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
1,4-Dioxane	ND		370	110	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,2'-oxybis[1-chloropropane]	ND	*	47	22	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,3,4,6-Tetrachlorophenol	ND		180	73	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4,5-Trichlorophenol	ND		73	33	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4,6-Trichlorophenol	ND		62	29	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4-Dichlorophenol	ND		47	22	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4-Dimethylphenol	ND	*	73	33	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,4-Dinitrotoluene	ND		180	73	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2,6-Dinitrotoluene	ND		55	26	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Chloronaphthalene	ND		37	7.3	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Chlorophenol	ND		40	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Methylnaphthalene	ND		37	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Methylphenol	ND		73	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Nitroaniline	ND		55	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
2-Nitrophenol	ND		62	29	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
3,3'-Dichlorobenzidine	ND	*	370	110	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
3-Nitroaniline	ND		180	73	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4,6-Dinitro-2-methylphenol	ND		550	260	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Bromophenyl-phenylether	ND		55	26	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Chloro-3-methylphenol	ND		55	26	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Chlorophenyl-phenyl ether	ND		47	22	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Chloroaniline	ND		180	37	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Methylphenol	ND		55	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Nitroaniline	ND		180	73	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
4-Nitrophenol	ND		550	180	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Acenaphthylene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Acenaphthene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Acetophenone	ND		55	18	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Anthracene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Atrazine	ND		470	220	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Benzaldehyde	ND	*	180	73	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Benzo[a]anthracene	ND		18	7.3	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Benzo[a]pyrene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Benzo[b]fluoranthene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1
Benzo[g,h,i]perylene	ND		18	3.7	ug/Kg	⊛	09/14/20 09:45	09/15/20 04:57	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Bis(2-chloroethoxy)methane	ND	*	40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Bis(2-chloroethyl)ether	ND	*	55	26	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Bis(2-ethylhexyl) phthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Butylbenzylphthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Caprolactam	ND		180	37	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Carbazole	ND		40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Chrysene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Di-n-butyl phthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Di-n-octyl phthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Dibenz(a,h)anthracene	ND		18	7.3	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Dibenzofuran	ND		40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Dimethyl phthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Diethyl phthalate	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Fluoranthene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Fluorene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Hexachlorobenzene	ND		18	7.3	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Hexachlorobutadiene	ND		84	40	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Hexachlorocyclopentadiene	ND		550	220	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Hexachloroethane	ND	*	180	37	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Indeno[1,2,3-cd]pyrene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Isophorone	ND		40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
N-Nitrosodi-n-propylamine	ND	*	55	26	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
N-Nitrosodiphenylamine	ND		40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Naphthalene	ND		18	7.3	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Nitrobenzene	ND	*	73	29	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Pentachlorophenol	ND		180	73	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Phenanthrene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Phenol	ND		40	18	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1
Pyrene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 04:57	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	240	T J N	ug/Kg	☼	10.47	57-10-3	09/14/20 09:45	09/15/20 04:57	1
Unknown	150	T J	ug/Kg	☼	11.17		09/14/20 09:45	09/15/20 04:57	1
Unknown	250	T J	ug/Kg	☼	12.41		09/14/20 09:45	09/15/20 04:57	1
Unknown	320	T J	ug/Kg	☼	12.43		09/14/20 09:45	09/15/20 04:57	1
Nonadecane	190	T J N	ug/Kg	☼	13.76	629-92-5	09/14/20 09:45	09/15/20 04:57	1
Unknown	170	T J	ug/Kg	☼	13.84		09/14/20 09:45	09/15/20 04:57	1
Unknown	210	T J	ug/Kg	☼	13.99		09/14/20 09:45	09/15/20 04:57	1
Tridecane, 1-iodo-	150	T J N	ug/Kg	☼	14.42	35599-77-0	09/14/20 09:45	09/15/20 04:57	1
Unknown	280	T J	ug/Kg	☼	14.70		09/14/20 09:45	09/15/20 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		30 - 130	09/14/20 09:45	09/15/20 04:57	1
2-Fluorophenol (Surr)	61		30 - 130	09/14/20 09:45	09/15/20 04:57	1
p-Terphenyl-d14 (Surr)	76		30 - 130	09/14/20 09:45	09/15/20 04:57	1
Phenol-d5 (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 04:57	1
Nitrobenzene-d5 (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 04:57	1
2-Fluorobiphenyl (Surr)	70		30 - 130	09/14/20 09:45	09/15/20 04:57	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.91	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
alpha-BHC (1C)	ND		0.91	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
alpha-Chlordane (1C)	ND		0.91	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
beta-BHC (1C)	ND		1.1	0.48	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
delta-BHC (1C)	ND		1.1	0.49	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Dieldrin (1C)	ND		1.9	0.36	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endosulfan I (1C)	ND		0.91	0.24	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endosulfan II (1C)	ND		2.5	1.2	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endosulfan sulfate (1C)	ND		1.9	0.36	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endrin (1C)	ND		1.9	0.75	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endrin aldehyde (1C)	ND		1.9	0.36	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Endrin ketone (1C)	ND		2.2	0.66	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
gamma-BHC (Lindane) (1C)	ND		0.91	0.23	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
gamma-Chlordane (1C)	ND		0.91	0.27	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Heptachlor (1C)	ND		0.91	0.34	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Heptachlor epoxide (1C)	ND		0.91	0.19	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Methoxychlor (1C)	ND		7.4	2.0	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
Toxaphene (1C)	ND		36	15	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
p,p'-DDD (2C)	ND		1.9	0.36	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
p,p'-DDE (1C)	ND		1.9	0.36	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1
p,p'-DDT (1C)	ND		1.9	0.87	ug/Kg	✱	09/11/20 09:45	09/15/20 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	66		30 - 150	09/11/20 09:45	09/15/20 14:03	1
DCB Decachlorobiphenyl (Surr) (2C)	68		30 - 150	09/11/20 09:45	09/15/20 14:03	1
Tetrachloro-m-xylene (Surr) (1C)	58		30 - 150	09/11/20 09:45	09/15/20 14:03	1
Tetrachloro-m-xylene (Surr) (2C)	56		30 - 150	09/11/20 09:45	09/15/20 14:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1221 (1C)	ND		19	5.1	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1232 (1C)	ND		19	8.8	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1242 (1C)	ND		19	3.6	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1248 (1C)	ND		19	3.6	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1254 (1C)	ND		19	3.6	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1
PCB-1260 (1C)	ND		19	5.4	ug/Kg	✱	09/11/20 09:45	09/14/20 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	72		30 - 150	09/11/20 09:45	09/14/20 17:18	1
DCB Decachlorobiphenyl (Surr) (2C)	71		30 - 150	09/11/20 09:45	09/14/20 17:18	1
Tetrachloro-m-xylene (1C)	71		30 - 150	09/11/20 09:45	09/14/20 17:18	1
Tetrachloro-m-xylene (2C)	80		30 - 150	09/11/20 09:45	09/14/20 17:18	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	81		40 - 140	09/13/20 11:29	09/15/20 15:31	1
o-terphenyl (Surr)	74		40 - 140	09/13/20 11:29	09/15/20 15:31	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C21-C36 Aromatic (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C21-C40 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C10-C12 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
C9-C12 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	43		40 - 140				09/13/20 11:23	09/16/20 16:03	1
2-Bromonaphthalene (Surr) (1C)	75		40 - 140				09/13/20 11:23	09/16/20 16:03	1
2-Fluorobiphenyl (Surr) (1C)	78		40 - 140				09/13/20 11:23	09/16/20 16:03	1
o-terphenyl (Surr) (1C)	68		40 - 140				09/13/20 11:23	09/16/20 16:03	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.4	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Aluminum	31000		21	11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Arsenic	8.2		3.2	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 10:12	1
Barium	200		0.54	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Beryllium	1.9		0.54	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Cadmium	ND		0.54	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Calcium	1200		21	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Chromium	53		1.6	0.19	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Cobalt	19		0.54	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Copper	42		2.1	0.83	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Iron	49000		110	33	mg/Kg	✱	09/08/20 17:19	09/11/20 10:15	5
Lead	50		1.6	0.64	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Magnesium	10000		11	4.3	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Manganese	680		1.1	0.56	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Nickel	39		1.1	0.28	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Potassium	5500		32	22	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Selenium	3.5 J		5.4	1.6	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Silver	ND		1.1	0.43	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Sodium	260		110	50	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Thallium	2.1 J		3.2	1.4	mg/Kg	✱	09/08/20 17:19	09/12/20 23:11	1
Zinc	81		2.1	1.1	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1
Vanadium	110		1.1	0.46	mg/Kg	✱	09/08/20 17:19	09/11/20 00:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.065	0.027	mg/Kg	✱	09/09/20 11:40	09/10/20 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.53	0.19	mg/Kg	✱	09/13/20 13:31	09/14/20 11:58	1
Percent Moisture	9.4		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	90.6		1.0	1.0	%			09/08/20 09:16	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,1,2,2-Tetrachloroethane	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,1,2-Trichloroethane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,1-Dichloroethane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,1-Dichloroethene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2,3-Trichlorobenzene	ND		13	6.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2,4-Trichlorobenzene	ND		13	6.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2-Dibromo-3-Chloropropane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2-Dibromoethane	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2-Dichlorobenzene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2-Dichloroethane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,2-Dichloropropane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,3-Dichlorobenzene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
1,4-Dichlorobenzene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
2-Butanone	11	J	13	2.5	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
2-Hexanone	ND		13	1.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
4-Methyl-2-pentanone	ND		13	1.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Acetone	89		25	7.6	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Benzene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Bromochloromethane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Bromodichloromethane	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Bromoform	ND		13	6.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Bromomethane	ND		6.3	0.88	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Carbon disulfide	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Carbon tetrachloride	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Chlorobenzene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Chloroethane	ND		6.3	1.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Chloroform	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Chloromethane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
cis-1,3-Dichloropropene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Cyclohexane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Dibromochloromethane	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Dichlorodifluoromethane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Ethylbenzene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Freon 113	ND		13	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Isopropylbenzene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
m&p-Xylene	ND		6.3	1.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Methyl acetate	4.8	J	6.3	1.3	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Methyl tertiary butyl ether	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Methylcyclohexane	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Methylene Chloride	ND		6.3	2.5	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
o-Xylene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Styrene	ND		6.3	0.51	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Tetrachloroethene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Toluene	ND		6.3	0.76	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1
Trichloroethene	ND		6.3	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 14:30	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		6.3	0.88	ug/Kg	☼	09/04/20 20:16	09/10/20 14:30	1
Vinyl chloride	ND		6.3	0.76	ug/Kg	☼	09/04/20 20:16	09/10/20 14:30	1
Xylenes, Total	ND		13	1.8	ug/Kg	☼	09/04/20 20:16	09/10/20 14:30	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/04/20 20:16	09/10/20 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130	09/04/20 20:16	09/10/20 14:30	1
4-Bromofluorobenzene (Surr)	92		70 - 130	09/04/20 20:16	09/10/20 14:30	1
Dibromofluoromethane (Surr)	109		70 - 130	09/04/20 20:16	09/10/20 14:30	1
Toluene-d8 (Surr)	101		70 - 130	09/04/20 20:16	09/10/20 14:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
1,2,4,5-Tetrachlorobenzene	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
1,4-Dioxane	ND		400	120	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,2'-oxybis[1-chloropropane]	ND *		53	24	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,3,4,6-Tetrachlorophenol	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4,5-Trichlorophenol	ND		81	36	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4,6-Trichlorophenol	ND		69	32	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4-Dichlorophenol	ND		53	24	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4-Dimethylphenol	ND *		81	36	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4-Dinitrophenol	ND		1200	400	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,4-Dinitrotoluene	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2,6-Dinitrotoluene	ND		61	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Chloronaphthalene	ND		40	8.1	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Chlorophenol	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Methylnaphthalene	ND		40	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Methylphenol	ND		81	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Nitroaniline	ND		61	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
2-Nitrophenol	ND		69	32	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
3,3'-Dichlorobenzidine	ND *		400	120	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
3-Nitroaniline	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4,6-Dinitro-2-methylphenol	ND		610	280	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Bromophenyl-phenylether	ND		61	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Chloro-3-methylphenol	ND		61	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Chlorophenyl-phenyl ether	ND		53	24	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Chloroaniline	ND		200	40	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Methylphenol	ND		61	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Nitroaniline	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
4-Nitrophenol	ND		610	200	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Acenaphthylene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Acenaphthene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Acetophenone	ND		61	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Anthracene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Atrazine	ND		530	240	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Benzaldehyde	ND *		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Benzo[a]anthracene	ND		20	8.1	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Benzo[b]fluoranthene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Benzo[g,h,i]perylene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Benzo[k]fluoranthene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Bis(2-chloroethoxy)methane	ND *		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Bis(2-chloroethyl)ether	ND *		61	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Bis(2-ethylhexyl) phthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Butylbenzylphthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Caprolactam	ND		200	40	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Carbazole	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Chrysene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Di-n-butyl phthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Di-n-octyl phthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Dibenz(a,h)anthracene	ND		20	8.1	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Dibenzofuran	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Dimethyl phthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Diethyl phthalate	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Fluoranthene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Fluorene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Hexachlorobenzene	ND		20	8.1	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Hexachlorobutadiene	ND		93	45	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Hexachlorocyclopentadiene	ND		610	240	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Hexachloroethane	ND *		200	40	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Indeno[1,2,3-cd]pyrene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Isophorone	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
N-Nitrosodi-n-propylamine	ND *		61	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
N-Nitrosodiphenylamine	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Naphthalene	ND		20	8.1	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Nitrobenzene	ND *		81	32	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Pentachlorophenol	ND		200	81	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Phenanthrene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Phenol	ND		45	20	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1
Pyrene	ND		20	4.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hentriacontane	170	T J N	ug/Kg	☼	14.42	630-04-6	09/14/20 09:45	09/15/20 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 05:20	1
2-Fluorophenol (Surr)	72		30 - 130	09/14/20 09:45	09/15/20 05:20	1
p-Terphenyl-d14 (Surr)	72		30 - 130	09/14/20 09:45	09/15/20 05:20	1
Phenol-d5 (Surr)	74		30 - 130	09/14/20 09:45	09/15/20 05:20	1
Nitrobenzene-d5 (Surr)	67		30 - 130	09/14/20 09:45	09/15/20 05:20	1
2-Fluorobiphenyl (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 05:20	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 14:16	1
alpha-BHC (1C)	ND		1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 14:16	1
alpha-Chlordane (1C)	ND		1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 14:16	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC (1C)	ND		1.2	0.54	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
delta-BHC (1C)	ND		1.2	0.55	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Dieldrin (1C)	ND		2.1	0.40	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endosulfan I (1C)	ND		1.0	0.27	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endosulfan II (1C)	ND		2.8	1.3	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endosulfan sulfate (1C)	ND		2.1	0.40	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endrin (1C)	ND		2.1	0.83	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endrin aldehyde (2C)	ND		2.1	0.40	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Endrin ketone (1C)	ND		2.4	0.73	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
gamma-BHC (Lindane) (1C)	ND		1.0	0.26	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
gamma-Chlordane (1C)	ND		1.0	0.31	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Heptachlor (1C)	ND		1.0	0.38	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Heptachlor epoxide (1C)	ND		1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Methoxychlor (1C)	ND		8.2	2.2	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
Toxaphene (1C)	ND		40	17	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
p,p'-DDD (2C)	ND		2.1	0.40	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
p,p'-DDE (1C)	ND		2.1	0.40	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1
p,p'-DDT (1C)	ND		2.1	0.96	ug/Kg	✱	09/11/20 09:45	09/15/20 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	83		30 - 150	09/11/20 09:45	09/15/20 14:16	1
DCB Decachlorobiphenyl (Surr) (2C)	84		30 - 150	09/11/20 09:45	09/15/20 14:16	1
Tetrachloro-m-xylene (Surr) (1C)	68		30 - 150	09/11/20 09:45	09/15/20 14:16	1
Tetrachloro-m-xylene (Surr) (2C)	65		30 - 150	09/11/20 09:45	09/15/20 14:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.4	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1221 (1C)	ND		21	5.6	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1232 (1C)	ND		21	9.8	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1242 (1C)	ND		21	4.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1248 (1C)	ND		21	4.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1254 (1C)	ND		21	4.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1
PCB-1260 (1C)	ND		21	6.0	ug/Kg	✱	09/11/20 09:45	09/14/20 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	89		30 - 150	09/11/20 09:45	09/14/20 17:28	1
DCB Decachlorobiphenyl (Surr) (2C)	85		30 - 150	09/11/20 09:45	09/14/20 17:28	1
Tetrachloro-m-xylene (1C)	77		30 - 150	09/11/20 09:45	09/14/20 17:28	1
Tetrachloro-m-xylene (2C)	84		30 - 150	09/11/20 09:45	09/14/20 17:28	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	✱	09/13/20 11:29	09/15/20 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	78		40 - 140	09/13/20 11:29	09/15/20 16:21	1
o-terphenyl (Surr)	71		40 - 140	09/13/20 11:29	09/15/20 16:21	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C12-C16 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C16-C21 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C16-C21 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C21-C36 Aromatic (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C21-C40 Aliphatics (1C)	7.4	J B	12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C10-C12 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
C9-C12 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	49		40 - 140				09/13/20 11:23	09/16/20 16:43	1
2-Bromonaphthalene (Surr) (1C)	75		40 - 140				09/13/20 11:23	09/16/20 16:43	1
2-Fluorobiphenyl (Surr) (1C)	76		40 - 140				09/13/20 11:23	09/16/20 16:43	1
o-terphenyl (Surr) (1C)	61		40 - 140				09/13/20 11:23	09/16/20 16:43	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		6.0	2.0	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Aluminum	41000		24	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Arsenic	6.2		3.6	1.4	mg/Kg	✱	09/08/20 17:19	09/11/20 10:18	1
Barium	290		0.60	0.18	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Beryllium	2.1		0.60	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Cadmium	ND		0.60	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Calcium	1400		24	14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Chromium	56		1.8	0.22	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Cobalt	18		0.60	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Copper	37		2.4	0.92	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Iron	51000		120	37	mg/Kg	✱	09/08/20 17:19	09/11/20 10:22	5
Lead	41		1.8	0.72	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Magnesium	8500		12	4.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Manganese	710		1.2	0.62	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Nickel	41		1.2	0.31	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Potassium	5500		36	24	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Selenium	3.3	J	6.0	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Silver	ND		1.2	0.48	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Sodium	1100		120	55	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Thallium	ND		3.6	1.6	mg/Kg	✱	09/08/20 17:19	09/12/20 23:15	1
Zinc	82		2.4	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1
Vanadium	86		1.2	0.51	mg/Kg	✱	09/08/20 17:19	09/11/20 00:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.072	0.030	mg/Kg	✱	09/09/20 11:40	09/10/20 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.60	0.22	mg/Kg	✱	09/13/20 13:31	09/14/20 12:02	1
Percent Moisture	18.1		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	81.9		1.0	1.0	%			09/08/20 09:16	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,1,2,2-Tetrachloroethane	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,1,2-Trichloroethane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,1-Dichloroethane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,1-Dichloroethene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2,3-Trichlorobenzene	ND		16	8.0	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2,4-Trichlorobenzene	ND		16	8.0	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2-Dibromo-3-Chloropropane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2-Dibromoethane	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2-Dichlorobenzene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2-Dichloroethane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,2-Dichloropropane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,3-Dichlorobenzene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
1,4-Dichlorobenzene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
2-Butanone	18		16	3.2	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
2-Hexanone	ND		16	1.6	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
4-Methyl-2-pentanone	ND		16	1.6	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Acetone	110		32	9.5	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Benzene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Bromochloromethane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Bromodichloromethane	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Bromoform	ND		16	8.0	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Bromomethane	ND		8.0	1.1	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Carbon disulfide	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Carbon tetrachloride	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Chlorobenzene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Chloroethane	ND		8.0	1.6	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Chloroform	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Chloromethane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
cis-1,2-Dichloroethene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
cis-1,3-Dichloropropene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Cyclohexane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Dibromochloromethane	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Dichlorodifluoromethane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Ethylbenzene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Freon 113	ND		16	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Isopropylbenzene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
m&p-Xylene	ND		8.0	1.6	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Methyl acetate	6.2 J		8.0	1.6	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Methyl tertiary butyl ether	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Methylcyclohexane	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Methylene Chloride	ND		8.0	3.2	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
o-Xylene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Styrene	ND		8.0	0.64	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Tetrachloroethene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Toluene	ND		8.0	0.95	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
trans-1,2-Dichloroethene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
trans-1,3-Dichloropropene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1
Trichloroethene	ND		8.0	0.80	ug/Kg	☆	09/04/20 20:16	09/10/20 19:08	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		8.0	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 19:08	1
Vinyl chloride	ND		8.0	0.95	ug/Kg	☼	09/04/20 20:16	09/10/20 19:08	1
Xylenes, Total	ND		16	2.2	ug/Kg	☼	09/04/20 20:16	09/10/20 19:08	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	10	T J	ug/Kg	☼	10.52		09/04/20 20:16	09/10/20 19:08	1
Unknown	8.8	T J	ug/Kg	☼	13.10		09/04/20 20:16	09/10/20 19:08	1
Unknown	8.1	T J	ug/Kg	☼	14.53		09/04/20 20:16	09/10/20 19:08	1
Tridecane	35	T J N	ug/Kg	☼	14.70	629-50-5	09/04/20 20:16	09/10/20 19:08	1
Unknown	11	T J	ug/Kg	☼	14.78		09/04/20 20:16	09/10/20 19:08	1
Unknown	8.2	T J	ug/Kg	☼	14.82		09/04/20 20:16	09/10/20 19:08	1
Unknown	8.8	T J	ug/Kg	☼	14.93		09/04/20 20:16	09/10/20 19:08	1
Unknown	14	T J	ug/Kg	☼	15.01		09/04/20 20:16	09/10/20 19:08	1
Unknown	11	T J	ug/Kg	☼	15.07		09/04/20 20:16	09/10/20 19:08	1
Unknown	14	T J	ug/Kg	☼	15.11		09/04/20 20:16	09/10/20 19:08	1
Unknown	14	T J	ug/Kg	☼	15.16		09/04/20 20:16	09/10/20 19:08	1
Dodecane, 2,6,10-trimethyl-	16	T J N	ug/Kg	☼	15.20	3891-98-3	09/04/20 20:16	09/10/20 19:08	1
Tetradecane	33	T J N	ug/Kg	☼	15.34	629-59-4	09/04/20 20:16	09/10/20 19:08	1
Unknown	9.3	T J	ug/Kg	☼	15.46		09/04/20 20:16	09/10/20 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/04/20 20:16	09/10/20 19:08	1
4-Bromofluorobenzene (Surr)	93		70 - 130	09/04/20 20:16	09/10/20 19:08	1
Dibromofluoromethane (Surr)	107		70 - 130	09/04/20 20:16	09/10/20 19:08	1
Toluene-d8 (Surr)	99		70 - 130	09/04/20 20:16	09/10/20 19:08	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
1,2,4,5-Tetrachlorobenzene	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
1,4-Dioxane	ND		350	110	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,2'-oxybis[1-chloropropane]	ND	*	46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,3,4,6-Tetrachlorophenol	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4,5-Trichlorophenol	ND		70	32	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4,6-Trichlorophenol	ND		60	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4-Dichlorophenol	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4-Dimethylphenol	ND	*	70	32	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4-Dinitrophenol	ND		1100	350	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,4-Dinitrotoluene	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2,6-Dinitrotoluene	ND		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Chloronaphthalene	ND		35	7.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Chlorophenol	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Methylnaphthalene	ND		35	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Methylphenol	ND		70	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Nitroaniline	ND		53	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
2-Nitrophenol	ND		60	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
3,3'-Dichlorobenzidine	ND	*	350	110	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
3-Nitroaniline	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4,6-Dinitro-2-methylphenol	ND		530	250	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Bromophenyl-phenylether	ND		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Chlorophenyl-phenyl ether	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Chloroaniline	ND		180	35	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Methylphenol	ND		53	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Nitroaniline	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
4-Nitrophenol	ND		530	180	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Acenaphthylene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Acenaphthene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Acetophenone	ND		53	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Anthracene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Atrazine	ND		460	210	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzaldehyde	ND *		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzo[a]anthracene	ND		18	7.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzo[a]pyrene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzo[b]fluoranthene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzo[g,h,i]perylene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Benzo[k]fluoranthene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Bis(2-chloroethoxy)methane	ND *		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Bis(2-chloroethyl)ether	ND *		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Bis(2-ethylhexyl) phthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Butylbenzylphthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Caprolactam	ND		180	35	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Carbazole	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Chrysene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Di-n-butyl phthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Di-n-octyl phthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Dibenz(a,h)anthracene	ND		18	7.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Dibenzofuran	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Dimethyl phthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Diethyl phthalate	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Fluoranthene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Fluorene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Hexachlorobenzene	ND		18	7.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Hexachlorobutadiene	ND		81	39	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Hexachlorocyclopentadiene	ND		530	210	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Hexachloroethane	ND *		180	35	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Indeno[1,2,3-cd]pyrene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Isophorone	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
N-Nitrosodi-n-propylamine	ND *		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
N-Nitrosodiphenylamine	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Naphthalene	ND		18	7.0	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Nitrobenzene	ND *		70	28	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Pentachlorophenol	ND		180	70	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Phenanthrene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Phenol	ND		39	18	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1
Pyrene	ND		18	3.5	ug/Kg	☼	09/14/20 09:45	09/15/20 05:44	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	150	T J N	ug/Kg	☼	10.48	57-10-3	09/14/20 09:45	09/15/20 05:44	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octahydro-4b,8,8-t rimeth	230	T J N	ug/Kg	⊛	11.90	511-15-9	09/14/20 09:45	09/15/20 05:44	1
Octadecane	150	T J N	ug/Kg	⊛	13.76	593-45-3	09/14/20 09:45	09/15/20 05:44	1
Unknown	260	T J	ug/Kg	⊛	15.49		09/14/20 09:45	09/15/20 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		30 - 130	09/14/20 09:45	09/15/20 05:44	1
2-Fluorophenol (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 05:44	1
p-Terphenyl-d14 (Surr)	78		30 - 130	09/14/20 09:45	09/15/20 05:44	1
Phenol-d5 (Surr)	71		30 - 130	09/14/20 09:45	09/15/20 05:44	1
Nitrobenzene-d5 (Surr)	70		30 - 130	09/14/20 09:45	09/15/20 05:44	1
2-Fluorobiphenyl (Surr)	71		30 - 130	09/14/20 09:45	09/15/20 05:44	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.87	0.18	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
alpha-BHC (1C)	ND		0.87	0.18	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
alpha-Chlordane (1C)	ND		0.87	0.18	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
beta-BHC (1C)	ND		1.0	0.46	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
delta-BHC (1C)	ND		1.0	0.47	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Dieldrin (2C)	ND		1.8	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endosulfan I (1C)	ND		0.87	0.23	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endosulfan II (1C)	ND		2.4	1.2	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endosulfan sulfate (1C)	ND		1.8	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endrin (1C)	ND		1.8	0.71	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endrin aldehyde (1C)	ND		1.8	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Endrin ketone (1C)	ND		2.1	0.63	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
gamma-BHC (Lindane) (1C)	ND		0.87	0.22	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
gamma-Chlordane (1C)	ND		0.87	0.26	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Heptachlor (1C)	ND		0.87	0.33	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Heptachlor epoxide (1C)	ND		0.87	0.18	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Methoxychlor (1C)	ND		7.0	1.9	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
Toxaphene (1C)	ND		35	15	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
p,p'-DDD (2C)	ND		1.8	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
p,p'-DDE (1C)	ND		1.8	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1
p,p'-DDT (1C)	ND		1.8	0.83	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	83		30 - 150	09/11/20 09:45	09/15/20 14:28	1
DCB Decachlorobiphenyl (Surr) (2C)	78		30 - 150	09/11/20 09:45	09/15/20 14:28	1
Tetrachloro-m-xylene (Surr) (1C)	63		30 - 150	09/11/20 09:45	09/15/20 14:28	1
Tetrachloro-m-xylene (Surr) (2C)	61		30 - 150	09/11/20 09:45	09/15/20 14:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.8	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:38	1
PCB-1221 (1C)	ND		18	4.8	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:38	1
PCB-1232 (1C)	ND		18	8.4	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:38	1
PCB-1242 (1C)	ND		18	3.5	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:38	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248 (1C)	ND		18	3.5	ug/Kg	✱	09/11/20 09:45	09/14/20 17:38	1
PCB-1254 (1C)	ND		18	3.5	ug/Kg	✱	09/11/20 09:45	09/14/20 17:38	1
PCB-1260 (1C)	ND		18	5.1	ug/Kg	✱	09/11/20 09:45	09/14/20 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	85		30 - 150				09/11/20 09:45	09/14/20 17:38	1
DCB Decachlorobiphenyl (Surr) (2C)	85		30 - 150				09/11/20 09:45	09/14/20 17:38	1
Tetrachloro-m-xylene (1C)	79		30 - 150				09/11/20 09:45	09/14/20 17:38	1
Tetrachloro-m-xylene (2C)	88		30 - 150				09/11/20 09:45	09/14/20 17:38	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	30		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	88		40 - 140				09/13/20 11:29	09/15/20 16:45	1
o- terphenyl (Surr)	84		40 - 140				09/13/20 11:29	09/15/20 16:45	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C12-C16 Aromatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C16-C21 Aliphatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C16-C21 Aromatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C21-C36 Aromatic (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C21-C40 Aliphatics (1C)	4.9	J B	11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C10-C12 Aromatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
C9-C12 Aliphatics (1C)	ND		11	3.2	mg/Kg	✱	09/13/20 11:23	09/16/20 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	50		40 - 140				09/13/20 11:23	09/16/20 17:24	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140				09/13/20 11:23	09/16/20 17:24	1
2-Fluorobiphenyl (Surr) (1C)	80		40 - 140				09/13/20 11:23	09/16/20 17:24	1
o- terphenyl (Surr) (1C)	68		40 - 140				09/13/20 11:23	09/16/20 17:24	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluoroheptanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorooctanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorononanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorodecanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorotridecanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorotetradecanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorobutanesulfonic acid	ND		1.9	0.39	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorohexanesulfonic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorooctanesulfonic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluoroundecanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Perfluorododecanoic acid	ND		0.58	0.19	ng/g	✱	09/08/20 08:51	09/09/20 00:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	87		11 - 138				09/08/20 08:51	09/09/20 00:05	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	85		15 - 139	09/08/20 08:51	09/09/20 00:05	1
13C8 PFOA	91		21 - 133	09/08/20 08:51	09/09/20 00:05	1
13C9 PFNA	99		15 - 145	09/08/20 08:51	09/09/20 00:05	1
13C6 PFDA	91		21 - 134	09/08/20 08:51	09/09/20 00:05	1
13C7 PFUnA	102		15 - 138	09/08/20 08:51	09/09/20 00:05	1
13C2-PFDoDA	98		28 - 126	09/08/20 08:51	09/09/20 00:05	1
13C2 PFTeDA	92		10 - 138	09/08/20 08:51	09/09/20 00:05	1
13C3 PFBS	92		23 - 130	09/08/20 08:51	09/09/20 00:05	1
13C3 PFHxS	92		24 - 136	09/08/20 08:51	09/09/20 00:05	1
13C8 PFOS	97		31 - 130	09/08/20 08:51	09/09/20 00:05	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.8	1.6	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Aluminum	21000		19	10	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Arsenic	3.1		2.9	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 10:25	1
Barium	260		0.48	0.14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Beryllium	1.6		0.48	0.097	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Cadmium	ND		0.48	0.097	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Calcium	4700		19	12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Chromium	42		1.4	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Cobalt	16		0.48	0.14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Copper	40		1.9	0.74	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Iron	37000		97	30	mg/Kg	✱	09/08/20 17:19	09/11/20 10:29	5
Lead	33		1.4	0.58	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Magnesium	10000		9.7	3.9	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Manganese	990		0.97	0.50	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Nickel	31		0.97	0.25	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Potassium	8400		29	20	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Selenium	1.5 J		4.8	1.4	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Silver	ND		0.97	0.39	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Sodium	2700		97	45	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Thallium	ND		2.9	1.3	mg/Kg	✱	09/08/20 17:19	09/12/20 23:19	1
Zinc	83		1.9	0.97	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1
Vanadium	59		0.97	0.42	mg/Kg	✱	09/08/20 17:19	09/11/20 00:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.062	0.026	mg/Kg	✱	09/09/20 11:40	09/10/20 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.55	0.20	mg/Kg	✱	09/13/20 13:31	09/14/20 12:04	1
Percent Moisture	5.0		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	95.0		1.0	1.0	%			09/08/20 09:16	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,1,2-Trichloroethane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2,3-Trichlorobenzene	ND		9.7	4.9	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2,4-Trichlorobenzene	ND		9.7	4.9	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2-Dibromoethane	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2-Dichloroethane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,2-Dichloropropane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
1,4-Dichlorobenzene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
2-Butanone	8.9	J	9.7	1.9	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
2-Hexanone	ND		9.7	0.97	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
4-Methyl-2-pentanone	ND		9.7	0.97	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Acetone	44		19	5.8	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Benzene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Bromochloromethane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Bromodichloromethane	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Bromoform	ND		9.7	4.9	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Bromomethane	ND		4.9	0.68	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Carbon disulfide	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Carbon tetrachloride	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Chlorobenzene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Chloroethane	ND		4.9	0.97	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Chloroform	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Chloromethane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
cis-1,3-Dichloropropene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Cyclohexane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Dibromochloromethane	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Dichlorodifluoromethane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Ethylbenzene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Freon 113	ND		9.7	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Isopropylbenzene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
m&p-Xylene	ND		4.9	0.97	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Methyl acetate	1.5	J	4.9	0.97	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Methyl tertiary butyl ether	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Methylcyclohexane	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Methylene Chloride	ND		4.9	1.9	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
o-Xylene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Styrene	ND		4.9	0.39	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Tetrachloroethene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Toluene	ND		4.9	0.58	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
trans-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
trans-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1
Trichloroethene	ND		4.9	0.49	ug/Kg	✱	09/04/20 20:16	09/10/20 14:53	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		4.9	0.68	ug/Kg	☼	09/04/20 20:16	09/10/20 14:53	1
Vinyl chloride	ND		4.9	0.58	ug/Kg	☼	09/04/20 20:16	09/10/20 14:53	1
Xylenes, Total	ND		9.7	1.4	ug/Kg	☼	09/04/20 20:16	09/10/20 14:53	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Dodecane	28	T J N	ug/Kg	☼	14.04	112-40-3	09/04/20 20:16	09/10/20 14:53	1
Unknown	32	T J	ug/Kg	☼	14.40		09/04/20 20:16	09/10/20 14:53	1
Unknown	19	T J	ug/Kg	☼	14.44		09/04/20 20:16	09/10/20 14:53	1
Unknown	34	T J	ug/Kg	☼	14.47		09/04/20 20:16	09/10/20 14:53	1
Dodecane, 4,6-dimethyl-	43	T J N	ug/Kg	☼	14.53	61141-72-8	09/04/20 20:16	09/10/20 14:53	1
Unknown	36	T J	ug/Kg	☼	14.58		09/04/20 20:16	09/10/20 14:53	1
Tridecane	93	T J N	ug/Kg	☼	14.70	629-50-5	09/04/20 20:16	09/10/20 14:53	1
Unknown	32	T J	ug/Kg	☼	14.77		09/04/20 20:16	09/10/20 14:53	1
Unknown	30	T J	ug/Kg	☼	14.93		09/04/20 20:16	09/10/20 14:53	1
Unknown	30	T J	ug/Kg	☼	15.01		09/04/20 20:16	09/10/20 14:53	1
Unknown	22	T J	ug/Kg	☼	15.07		09/04/20 20:16	09/10/20 14:53	1
Unknown	22	T J	ug/Kg	☼	15.10		09/04/20 20:16	09/10/20 14:53	1
Unknown	34	T J	ug/Kg	☼	15.16		09/04/20 20:16	09/10/20 14:53	1
Dodecane, 2,6,11-trimethyl-	31	T J N	ug/Kg	☼	15.20	31295-56-4	09/04/20 20:16	09/10/20 14:53	1
Tetradecane	42	T J N	ug/Kg	☼	15.34	629-59-4	09/04/20 20:16	09/10/20 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130	09/04/20 20:16	09/10/20 14:53	1
4-Bromofluorobenzene (Surr)	101		70 - 130	09/04/20 20:16	09/10/20 14:53	1
Dibromofluoromethane (Surr)	110		70 - 130	09/04/20 20:16	09/10/20 14:53	1
Toluene-d8 (Surr)	97		70 - 130	09/04/20 20:16	09/10/20 14:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
1,2,4,5-Tetrachlorobenzene	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
1,4-Dioxane	ND		380	110	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,2'-oxybis[1-chloropropane]	ND *		49	23	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,3,4,6-Tetrachlorophenol	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4,5-Trichlorophenol	ND		76	34	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4,6-Trichlorophenol	ND		64	30	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4-Dichlorophenol	ND		49	23	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4-Dimethylphenol	ND *		76	34	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4-Dinitrophenol	ND		1100	380	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,4-Dinitrotoluene	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2,6-Dinitrotoluene	ND		57	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Chloronaphthalene	ND		38	7.6	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Chlorophenol	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Methylnaphthalene	ND		38	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Methylphenol	ND		76	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Nitroaniline	ND		57	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
2-Nitrophenol	ND		64	30	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
3,3'-Dichlorobenzidine	ND *		380	110	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
3-Nitroaniline	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4,6-Dinitro-2-methylphenol	ND		570	270	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl-phenylether	ND		57	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Chloro-3-methylphenol	ND		57	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Chlorophenyl-phenyl ether	ND		49	23	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Chloroaniline	ND		190	38	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Methylphenol	ND		57	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Nitroaniline	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
4-Nitrophenol	ND		570	190	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Acenaphthylene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Acenaphthene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Acetophenone	ND		57	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Anthracene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Atrazine	ND		490	230	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzaldehyde	ND *		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzo[a]anthracene	ND		19	7.6	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzo[a]pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzo[b]fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzo[g,h,i]perylene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Benzo[k]fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Bis(2-chloroethoxy)methane	ND *		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Bis(2-chloroethyl)ether	ND *		57	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Bis(2-ethylhexyl) phthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Butylbenzylphthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Caprolactam	ND		190	38	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Carbazole	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Chrysene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Di-n-butyl phthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Di-n-octyl phthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Dibenz(a,h)anthracene	ND		19	7.6	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Dibenzofuran	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Dimethyl phthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Diethyl phthalate	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Fluorene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Hexachlorobenzene	ND		19	7.6	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Hexachlorobutadiene	ND		87	42	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Hexachlorocyclopentadiene	ND		570	230	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Hexachloroethane	ND *		190	38	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Indeno[1,2,3-cd]pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Isophorone	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
N-Nitrosodi-n-propylamine	ND *		57	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
N-Nitrosodiphenylamine	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Naphthalene	ND		19	7.6	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Nitrobenzene	ND *		76	30	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Pentachlorophenol	ND		190	76	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Phenanthrene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Phenol	ND		42	19	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1
Pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 09:45	09/15/20 06:07	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tridecane	230	T J N	ug/Kg	☼	7.35	629-50-5	09/14/20 09:45	09/15/20 06:07	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heptacosane	180	T J N	ug/Kg	⊛	13.10	593-49-7	09/14/20 09:45	09/15/20 06:07	1
Tetracosane	200	T J N	ug/Kg	⊛	13.43	646-31-1	09/14/20 09:45	09/15/20 06:07	1
Heptadecane, 9-octyl-	270	T J N	ug/Kg	⊛	13.76	7225-64-1	09/14/20 09:45	09/15/20 06:07	1
Eicosane	300	T J N	ug/Kg	⊛	14.08	112-95-8	09/14/20 09:45	09/15/20 06:07	1
Tridecane, 1-iodo-	300	T J N	ug/Kg	⊛	14.42	35599-77-0	09/14/20 09:45	09/15/20 06:07	1
Hexatriacontane	240	T J N	ug/Kg	⊛	14.80	630-06-8	09/14/20 09:45	09/15/20 06:07	1
Octacosane	260	T J N	ug/Kg	⊛	15.23	630-02-4	09/14/20 09:45	09/15/20 06:07	1
Unknown	160	T J	ug/Kg	⊛	15.73		09/14/20 09:45	09/15/20 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		30 - 130	09/14/20 09:45	09/15/20 06:07	1
2-Fluorophenol (Surr)	60		30 - 130	09/14/20 09:45	09/15/20 06:07	1
p-Terphenyl-d14 (Surr)	65		30 - 130	09/14/20 09:45	09/15/20 06:07	1
Phenol-d5 (Surr)	63		30 - 130	09/14/20 09:45	09/15/20 06:07	1
Nitrobenzene-d5 (Surr)	58		30 - 130	09/14/20 09:45	09/15/20 06:07	1
2-Fluorobiphenyl (Surr)	59		30 - 130	09/14/20 09:45	09/15/20 06:07	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.95	0.19	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
alpha-BHC (1C)	ND		0.95	0.19	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
alpha-Chlordane (1C)	ND		0.95	0.19	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
beta-BHC (1C)	ND		1.1	0.50	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
delta-BHC (1C)	ND		1.1	0.51	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Dieldrin (1C)	ND		1.9	0.38	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endosulfan I (1C)	ND		0.95	0.25	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endosulfan II (1C)	ND		2.6	1.3	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endosulfan sulfate (1C)	ND		1.9	0.38	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endrin (1C)	ND		1.9	0.78	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endrin aldehyde (1C)	ND		1.9	0.38	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Endrin ketone (1C)	ND		2.3	0.69	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
gamma-BHC (Lindane) (1C)	ND		0.95	0.24	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
gamma-Chlordane (1C)	ND		0.95	0.29	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Heptachlor (1C)	ND		0.95	0.35	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Heptachlor epoxide (1C)	ND		0.95	0.19	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Methoxychlor (1C)	ND		7.7	2.1	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
Toxaphene (1C)	ND		38	16	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
p,p'-DDD (2C)	ND		1.9	0.38	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
p,p'-DDE (1C)	ND		1.9	0.38	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1
p,p'-DDT (1C)	ND		1.9	0.90	ug/Kg	⊛	09/11/20 09:45	09/15/20 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	74		30 - 150	09/11/20 09:45	09/15/20 14:40	1
DCB Decachlorobiphenyl (Surr) (2C)	75		30 - 150	09/11/20 09:45	09/15/20 14:40	1
Tetrachloro-m-xylene (Surr) (1C)	56		30 - 150	09/11/20 09:45	09/15/20 14:40	1
Tetrachloro-m-xylene (Surr) (2C)	58		30 - 150	09/11/20 09:45	09/15/20 14:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.1	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:48	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 (1C)	ND		19	5.3	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1
PCB-1232 (1C)	ND		19	9.1	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1
PCB-1242 (1C)	ND		19	3.8	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1
PCB-1248 (1C)	ND		19	3.8	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1
PCB-1254 (1C)	ND		19	3.8	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1
PCB-1260 (1C)	ND		19	5.6	ug/Kg	✱	09/11/20 09:45	09/14/20 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	79		30 - 150	09/11/20 09:45	09/14/20 17:48	1
DCB Decachlorobiphenyl (Surr) (2C)	81		30 - 150	09/11/20 09:45	09/14/20 17:48	1
Tetrachloro-m-xylene (1C)	72		30 - 150	09/11/20 09:45	09/14/20 17:48	1
Tetrachloro-m-xylene (2C)	81		30 - 150	09/11/20 09:45	09/14/20 17:48	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	18		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	86		40 - 140	09/13/20 11:29	09/15/20 17:10	1
o-terphenyl (Surr)	78		40 - 140	09/13/20 11:29	09/15/20 17:10	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C21-C40 Aliphatics (1C)	4.3	J B	11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	✱	09/13/20 11:23	09/16/20 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	33	X	40 - 140	09/13/20 11:23	09/16/20 18:04	1
2-Bromonaphthalene (Surr) (1C)	84		40 - 140	09/13/20 11:23	09/16/20 18:04	1
2-Fluorobiphenyl (Surr) (1C)	84		40 - 140	09/13/20 11:23	09/16/20 18:04	1
o-terphenyl (Surr) (1C)	75		40 - 140	09/13/20 11:23	09/16/20 18:04	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluoroheptanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorooctanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorononanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorodecanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorotridecanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorotetradecanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorobutanesulfonic acid	ND		2.2	0.44	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorohexanesulfonic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluorooctanesulfonic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Perfluoroundecanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid	ND		0.66	0.22	ng/g	✱	09/08/20 08:51	09/09/20 00:15	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	86		11 - 138				09/08/20 08:51	09/09/20 00:15	1
13C4 PFHpA	80		15 - 139				09/08/20 08:51	09/09/20 00:15	1
13C8 PFOA	88		21 - 133				09/08/20 08:51	09/09/20 00:15	1
13C9 PFNA	92		15 - 145				09/08/20 08:51	09/09/20 00:15	1
13C6 PFDA	91		21 - 134				09/08/20 08:51	09/09/20 00:15	1
13C7 PFUnA	90		15 - 138				09/08/20 08:51	09/09/20 00:15	1
13C2-PFDoDA	91		28 - 126				09/08/20 08:51	09/09/20 00:15	1
13C2 PFTeDA	94		10 - 138				09/08/20 08:51	09/09/20 00:15	1
13C3 PFBS	95		23 - 130				09/08/20 08:51	09/09/20 00:15	1
13C3 PFHxS	93		24 - 136				09/08/20 08:51	09/09/20 00:15	1
13C8 PFOS	99		31 - 130				09/08/20 08:51	09/09/20 00:15	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.4	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Aluminum	22000		21	11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Arsenic	10		3.2	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 10:32	1
Barium	130		0.54	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Beryllium	1.8		0.54	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Cadmium	ND		0.54	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Calcium	1400		21	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Chromium	51		1.6	0.19	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Cobalt	18		0.54	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Copper	35		2.1	0.83	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Iron	41000		110	33	mg/Kg	✱	09/08/20 17:19	09/11/20 10:35	5
Lead	39		1.6	0.64	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Magnesium	9400		11	4.3	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Manganese	1000		1.1	0.56	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Nickel	34		1.1	0.28	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Potassium	6200		32	22	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Selenium	2.5 J		5.4	1.6	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Silver	ND		1.1	0.43	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Sodium	470		110	50	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Thallium	ND		3.2	1.4	mg/Kg	✱	09/08/20 17:19	09/12/20 23:33	1
Zinc	68		2.1	1.1	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1
Vanadium	74		1.1	0.46	mg/Kg	✱	09/08/20 17:19	09/11/20 00:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.067	0.028	mg/Kg	✱	09/09/20 11:40	09/10/20 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.56	0.20	mg/Kg	✱	09/13/20 13:31	09/14/20 12:05	1
Percent Moisture	12.9		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	87.1		1.0	1.0	%			09/08/20 09:16	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2,3-Trichlorobenzene	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2-Dibromoethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2-Dichlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,3-Dichlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
1,4-Dichlorobenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
2-Butanone	16		11	2.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Acetone	240		21	6.4	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Benzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Bromochloromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Bromodichloromethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Bromoform	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Bromomethane	1.1 J		5.3	0.74	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Carbon disulfide	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Chloroethane	ND		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Chloroform	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Chloromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
cis-1,3-Dichloropropene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Cyclohexane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Dichlorodifluoromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Ethylbenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Freon 113	ND		11	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Isopropylbenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
m&p-Xylene	ND		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Methyl acetate	17		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Methylcyclohexane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
o-Xylene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Styrene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Toluene	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1
Trichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 15:17	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.3	0.74	ug/Kg	☼	09/04/20 20:16	09/10/20 15:17	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	09/04/20 20:16	09/10/20 15:17	1
Xylenes, Total	ND		11	1.5	ug/Kg	☼	09/04/20 20:16	09/10/20 15:17	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.7	T J	ug/Kg	☼	2.29		09/04/20 20:16	09/10/20 15:17	1
Unknown	9.1	T J	ug/Kg	☼	4.22		09/04/20 20:16	09/10/20 15:17	1
Unknown	17	T J	ug/Kg	☼	10.52		09/04/20 20:16	09/10/20 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/04/20 20:16	09/10/20 15:17	1
4-Bromofluorobenzene (Surr)	89		70 - 130	09/04/20 20:16	09/10/20 15:17	1
Dibromofluoromethane (Surr)	106		70 - 130	09/04/20 20:16	09/10/20 15:17	1
Toluene-d8 (Surr)	101		70 - 130	09/04/20 20:16	09/10/20 15:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
1,2,4,5-Tetrachlorobenzene	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
1,4-Dioxane	ND		390	120	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,2'-oxybis[1-chloropropane]	ND *		51	24	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,3,4,6-Tetrachlorophenol	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4,5-Trichlorophenol	ND		79	35	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4,6-Trichlorophenol	ND		67	31	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4-Dichlorophenol	ND		51	24	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4-Dimethylphenol	ND *		79	35	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4-Dinitrophenol	ND		1200	390	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,4-Dinitrotoluene	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2,6-Dinitrotoluene	ND		59	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Chloronaphthalene	ND		39	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Chlorophenol	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Methylnaphthalene	ND		39	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Methylphenol	ND		79	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Nitroaniline	ND		59	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
2-Nitrophenol	ND		67	31	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
3,3'-Dichlorobenzidine	ND *		390	120	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
3-Nitroaniline	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4,6-Dinitro-2-methylphenol	ND		590	270	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Bromophenyl-phenylether	ND		59	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Chloro-3-methylphenol	ND		59	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Chlorophenyl-phenyl ether	ND		51	24	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Chloroaniline	ND		200	39	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Methylphenol	ND		59	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Nitroaniline	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
4-Nitrophenol	ND		590	200	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Acenaphthylene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Acenaphthene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Acetophenone	ND		59	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Anthracene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Atrazine	ND		510	240	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND	*	200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Benzo[a]anthracene	ND		20	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Benzo[a]pyrene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Benzo[b]fluoranthene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Benzo[g,h,i]perylene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Benzo[k]fluoranthene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Bis(2-chloroethoxy)methane	ND	*	43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Bis(2-chloroethyl)ether	ND	*	59	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Bis(2-ethylhexyl) phthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Butylbenzylphthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Caprolactam	ND		200	39	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Carbazole	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Chrysene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Di-n-butyl phthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Di-n-octyl phthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Dibenz(a,h)anthracene	ND		20	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Dibenzofuran	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Dimethyl phthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Diethyl phthalate	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Fluoranthene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Fluorene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Hexachlorobenzene	ND		20	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Hexachlorobutadiene	ND		90	43	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Hexachlorocyclopentadiene	ND		590	240	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Hexachloroethane	ND	*	200	39	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Indeno[1,2,3-cd]pyrene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Isophorone	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
N-Nitrosodi-n-propylamine	ND	*	59	27	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
N-Nitrosodiphenylamine	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Naphthalene	ND		20	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Nitrobenzene	ND	*	79	31	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Pentachlorophenol	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Phenanthrene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Phenol	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1
Pyrene	ND		20	3.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:31	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	180	T J	ug/Kg	☼	8.08		09/14/20 09:45	09/15/20 06:31	1
Unknown	270	T J	ug/Kg	☼	11.79		09/14/20 09:45	09/15/20 06:31	1
2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octahydro-4b,8,8-t rimeth	1200	T J N	ug/Kg	☼	11.90	511-15-9	09/14/20 09:45	09/15/20 06:31	1
Unknown	660	T J	ug/Kg	☼	11.94		09/14/20 09:45	09/15/20 06:31	1
Unknown	190	T J	ug/Kg	☼	12.39		09/14/20 09:45	09/15/20 06:31	1
Unknown	220	T J	ug/Kg	☼	12.41		09/14/20 09:45	09/15/20 06:31	1
9(1H)-Phenanthrenone, 2,3,4,4a,10,10a-hexahydro-6-hydroxy -1,	180	T J N	ug/Kg	☼	12.96	511-05-7	09/14/20 09:45	09/15/20 06:31	1
Heptadecane, 9-octyl-	190	T J N	ug/Kg	☼	13.43	7225-64-1	09/14/20 09:45	09/15/20 06:31	1
Unknown	210	T J	ug/Kg	☼	13.76		09/14/20 09:45	09/15/20 06:31	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tridecane, 1-iodo-	170	T J N	ug/Kg	⊛	14.08	35599-77-0	09/14/20 09:45	09/15/20 06:31	1
Hexatriacontane	190	T J N	ug/Kg	⊛	14.42	630-06-8	09/14/20 09:45	09/15/20 06:31	1
Unknown	190	T J	ug/Kg	⊛	15.49		09/14/20 09:45	09/15/20 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	49		30 - 130				09/14/20 09:45	09/15/20 06:31	1
2-Fluorophenol (Surr)	56		30 - 130				09/14/20 09:45	09/15/20 06:31	1
p-Terphenyl-d14 (Surr)	69		30 - 130				09/14/20 09:45	09/15/20 06:31	1
Phenol-d5 (Surr)	63		30 - 130				09/14/20 09:45	09/15/20 06:31	1
Nitrobenzene-d5 (Surr)	66		30 - 130				09/14/20 09:45	09/15/20 06:31	1
2-Fluorobiphenyl (Surr)	63		30 - 130				09/14/20 09:45	09/15/20 06:31	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.98	0.20	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
alpha-BHC (1C)	ND		0.98	0.20	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
alpha-Chlordane (1C)	ND		0.98	0.20	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
beta-BHC (1C)	ND		1.2	0.52	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
delta-BHC (1C)	ND		1.2	0.53	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Dieldrin (1C)	ND		2.0	0.39	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endosulfan I (1C)	ND		0.98	0.26	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endosulfan II (1C)	ND		2.7	1.3	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endosulfan sulfate (1C)	ND		2.0	0.39	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endrin (1C)	ND		2.0	0.80	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endrin aldehyde (1C)	ND		2.0	0.39	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Endrin ketone (1C)	ND		2.4	0.71	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
gamma-BHC (Lindane) (1C)	ND		0.98	0.25	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
gamma-Chlordane (1C)	ND		0.98	0.30	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Heptachlor (1C)	ND		0.98	0.37	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Heptachlor epoxide (1C)	ND		0.98	0.20	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Methoxychlor (1C)	ND		7.9	2.1	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Toxaphene (1C)	ND		39	17	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
p,p'-DDD (2C)	ND		2.0	0.39	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
p,p'-DDE (1C)	ND		2.0	0.39	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
p,p'-DDT (1C)	ND		2.0	0.94	ug/Kg	⊛	09/11/20 09:45	09/15/20 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	89		30 - 150				09/11/20 09:45	09/15/20 16:17	1
DCB Decachlorobiphenyl (Surr) (2C)	95		30 - 150				09/11/20 09:45	09/15/20 16:17	1
Tetrachloro-m-xylene (Surr) (1C)	78		30 - 150				09/11/20 09:45	09/15/20 16:17	1
Tetrachloro-m-xylene (Surr) (2C)	77		30 - 150				09/11/20 09:45	09/15/20 16:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.3	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1
PCB-1221 (1C)	ND		20	5.4	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1
PCB-1232 (1C)	ND		20	9.5	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1
PCB-1254 (1C)	ND		20	3.9	ug/Kg	⊛	09/11/20 09:45	09/14/20 17:58	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260 (1C)	ND		20	5.8	ug/Kg	☆	09/11/20 09:45	09/14/20 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	95		30 - 150				09/11/20 09:45	09/14/20 17:58	1
DCB Decachlorobiphenyl (Surr) (2C)	97		30 - 150				09/11/20 09:45	09/14/20 17:58	1
Tetrachloro-m-xylene (1C)	90		30 - 150				09/11/20 09:45	09/14/20 17:58	1
Tetrachloro-m-xylene (2C)	102		30 - 150				09/11/20 09:45	09/14/20 17:58	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	11		11	11	mg/Kg	☆	09/13/20 11:29	09/15/20 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	74		40 - 140				09/13/20 11:29	09/15/20 17:35	1
o- terphenyl (Surr)	68		40 - 140				09/13/20 11:29	09/15/20 17:35	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C21-C40 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/13/20 11:23	09/16/20 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140				09/13/20 11:23	09/16/20 18:44	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140				09/13/20 11:23	09/16/20 18:44	1
2-Fluorobiphenyl (Surr) (1C)	81		40 - 140				09/13/20 11:23	09/16/20 18:44	1
o- terphenyl (Surr) (1C)	60		40 - 140				09/13/20 11:23	09/16/20 18:44	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.9	1.7	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Aluminum	51000		98	52	mg/Kg	☆	09/08/20 17:19	09/11/20 10:48	5
Arsenic	2.9		2.9	1.2	mg/Kg	☆	09/08/20 17:19	09/11/20 10:44	1
Barium	380		0.49	0.15	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Beryllium	2.2		0.49	0.098	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Cadmium	ND		0.49	0.098	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Calcium	2900		20	12	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Chromium	50		1.5	0.18	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Cobalt	19		0.49	0.14	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Copper	32		2.0	0.76	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Iron	45000		98	30	mg/Kg	☆	09/08/20 17:19	09/11/20 10:48	5
Lead	34		1.5	0.59	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Magnesium	11000		9.8	3.9	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Manganese	860		0.98	0.51	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Nickel	40		0.98	0.26	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Potassium	8600		29	20	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.5	J	4.9	1.5	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Silver	ND		0.98	0.39	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Sodium	7700		98	45	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Thallium	ND		2.9	1.3	mg/Kg	☆	09/08/20 17:19	09/12/20 23:36	1
Zinc	98		2.0	0.98	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1
Vanadium	49		0.98	0.42	mg/Kg	☆	09/08/20 17:19	09/11/20 00:31	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029	J	0.071	0.029	mg/Kg	☆	09/09/20 11:40	09/10/20 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.62	0.22	mg/Kg	☆	09/13/20 13:31	09/14/20 12:06	1
Percent Moisture	16.5		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	83.5		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.59	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.39	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,1,2-Trichloroethane	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2,3-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2,4-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2-Dibromoethane	ND		4.9	0.39	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2-Dichloroethane	ND		4.9	0.59	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,2-Dichloropropane	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
1,4-Dichlorobenzene	ND		4.9	0.39	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
2-Butanone	8.7	J	9.9	2.0	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
2-Hexanone	ND		9.9	0.99	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
4-Methyl-2-pentanone	ND		9.9	0.99	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Acetone	64		20	5.9	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Benzene	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Bromochloromethane	ND		4.9	0.59	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Bromodichloromethane	ND		4.9	0.39	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Bromoform	ND		9.9	4.9	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Bromomethane	ND		4.9	0.69	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Carbon disulfide	ND		4.9	0.59	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Carbon tetrachloride	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Chlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1
Chloroethane	ND		4.9	0.99	ug/Kg	☆	09/04/20 20:16	09/10/20 15:40	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Chloromethane	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
cis-1,3-Dichloropropene	ND		4.9	0.39	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Cyclohexane	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Dibromochloromethane	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Dichlorodifluoromethane	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Ethylbenzene	ND		4.9	0.39	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Freon 113	ND		9.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Isopropylbenzene	ND		4.9	0.39	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
m&p-Xylene	ND		4.9	0.99	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Methyl acetate	8.3		4.9	0.99	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Methyl tertiary butyl ether	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Methylcyclohexane	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Methylene Chloride	ND		4.9	2.0	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
o-Xylene	ND		4.9	0.39	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Styrene	ND		4.9	0.39	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Tetrachloroethene	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Toluene	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
trans-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
trans-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Trichloroethene	ND		4.9	0.49	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Trichlorofluoromethane	ND		4.9	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Vinyl chloride	ND		4.9	0.59	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1
Xylenes, Total	ND		9.9	1.4	ug/Kg	☼	09/04/20 20:16	09/10/20 15:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.0	T J	ug/Kg	☼	4.20		09/04/20 20:16	09/10/20 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/04/20 20:16	09/10/20 15:40	1
4-Bromofluorobenzene (Surr)	92		70 - 130	09/04/20 20:16	09/10/20 15:40	1
Dibromofluoromethane (Surr)	108		70 - 130	09/04/20 20:16	09/10/20 15:40	1
Toluene-d8 (Surr)	102		70 - 130	09/04/20 20:16	09/10/20 15:40	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
1,2,4,5-Tetrachlorobenzene	ND		43	20	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
1,4-Dioxane	ND		390	120	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,2'-oxybis[1-chloropropane]	ND *		51	24	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,3,4,6-Tetrachlorophenol	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4,5-Trichlorophenol	ND		79	35	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4,6-Trichlorophenol	ND		67	31	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4-Dichlorophenol	ND		51	24	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4-Dimethylphenol	ND *		79	35	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4-Dinitrophenol	ND		1200	390	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,4-Dinitrotoluene	ND		200	79	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2,6-Dinitrotoluene	ND		59	28	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1
2-Chloronaphthalene	ND		39	7.9	ug/Kg	☼	09/14/20 09:45	09/15/20 06:54	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
2-Methylnaphthalene	ND		39	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
2-Methylphenol	ND		79	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
2-Nitroaniline	ND		59	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
2-Nitrophenol	ND		67	31	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
3,3'-Dichlorobenzidine	ND	*	390	120	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
3-Nitroaniline	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4,6-Dinitro-2-methylphenol	ND		590	280	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Bromophenyl-phenylether	ND		59	28	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Chloro-3-methylphenol	ND		59	28	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Chlorophenyl-phenyl ether	ND		51	24	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Chloroaniline	ND		200	39	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Methylphenol	ND		59	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Nitroaniline	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
4-Nitrophenol	ND		590	200	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Acenaphthylene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Acenaphthene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Acetophenone	ND		59	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Anthracene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Atrazine	ND		510	240	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzaldehyde	ND	*	200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzo[a]anthracene	ND		20	7.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzo[a]pyrene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzo[b]fluoranthene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzo[g,h,i]perylene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Benzo[k]fluoranthene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Bis(2-chloroethoxy)methane	ND	*	43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Bis(2-chloroethyl)ether	ND	*	59	28	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Bis(2-ethylhexyl) phthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Butylbenzylphthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Caprolactam	ND		200	39	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Carbazole	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Chrysene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Di-n-butyl phthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Di-n-octyl phthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Dibenz(a,h)anthracene	ND		20	7.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Dibenzofuran	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Dimethyl phthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Diethyl phthalate	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Fluoranthene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Fluorene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Hexachlorobenzene	ND		20	7.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Hexachlorobutadiene	ND		90	43	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Hexachlorocyclopentadiene	ND		590	240	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Hexachloroethane	ND	*	200	39	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Indeno[1,2,3-cd]pyrene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Isophorone	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
N-Nitrosodi-n-propylamine	ND	*	59	28	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
N-Nitrosodiphenylamine	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		20	7.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Nitrobenzene	ND	*	79	31	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Pentachlorophenol	ND		200	79	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Phenanthrene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Phenol	ND		43	20	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1
Pyrene	ND		20	3.9	ug/Kg	✱	09/14/20 09:45	09/15/20 06:54	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	200	T J N	ug/Kg	✱	10.48	57-10-3	09/14/20 09:45	09/15/20 06:54	1
Tridecane, 1-iodo-	180	T J N	ug/Kg	✱	13.43	35599-77-0	09/14/20 09:45	09/15/20 06:54	1
Unknown	180	T J	ug/Kg	✱	13.76		09/14/20 09:45	09/15/20 06:54	1
Unknown	200	T J	ug/Kg	✱	14.42		09/14/20 09:45	09/15/20 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62		30 - 130	09/14/20 09:45	09/15/20 06:54	1
2-Fluorophenol (Surr)	68		30 - 130	09/14/20 09:45	09/15/20 06:54	1
p-Terphenyl-d14 (Surr)	69		30 - 130	09/14/20 09:45	09/15/20 06:54	1
Phenol-d5 (Surr)	71		30 - 130	09/14/20 09:45	09/15/20 06:54	1
Nitrobenzene-d5 (Surr)	62		30 - 130	09/14/20 09:45	09/15/20 06:54	1
2-Fluorobiphenyl (Surr)	61		30 - 130	09/14/20 09:45	09/15/20 06:54	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.99	0.20	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
alpha-BHC (1C)	ND		0.99	0.20	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
alpha-Chlordane (1C)	ND		0.99	0.20	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
beta-BHC (1C)	ND		1.2	0.52	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
delta-BHC (1C)	ND		1.2	0.53	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Dieldrin (1C)	ND		2.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endosulfan I (1C)	ND		0.99	0.26	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endosulfan II (1C)	ND		2.7	1.3	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endosulfan sulfate (1C)	ND		2.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endrin (1C)	ND		2.0	0.81	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endrin aldehyde (1C)	ND		2.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Endrin ketone (1C)	ND		2.4	0.71	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
gamma-BHC (Lindane) (1C)	ND		0.99	0.25	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
gamma-Chlordane (1C)	ND		0.99	0.30	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Heptachlor (1C)	ND		0.99	0.37	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Heptachlor epoxide (1C)	ND		0.99	0.20	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Methoxychlor (1C)	ND		8.0	2.1	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
Toxaphene (1C)	ND		39	17	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
p,p'-DDD (2C)	ND		2.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
p,p'-DDE (1C)	ND		2.0	0.39	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1
p,p'-DDT (1C)	ND		2.0	0.94	ug/Kg	✱	09/11/20 09:45	09/15/20 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	85		30 - 150	09/11/20 09:45	09/15/20 16:30	1
DCB Decachlorobiphenyl (Surr) (2C)	84		30 - 150	09/11/20 09:45	09/15/20 16:30	1
Tetrachloro-m-xylene (Surr) (1C)	70		30 - 150	09/11/20 09:45	09/15/20 16:30	1
Tetrachloro-m-xylene (Surr) (2C)	68		30 - 150	09/11/20 09:45	09/15/20 16:30	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.3	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1221 (1C)	ND		20	5.5	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1232 (1C)	ND		20	9.5	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1254 (1C)	ND		20	3.9	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1
PCB-1260 (1C)	ND		20	5.8	ug/Kg	✱	09/11/20 09:45	09/14/20 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	90		30 - 150	09/11/20 09:45	09/14/20 18:08	1
DCB Decachlorobiphenyl (Surr) (2C)	87		30 - 150	09/11/20 09:45	09/14/20 18:08	1
Tetrachloro-m-xylene (1C)	83		30 - 150	09/11/20 09:45	09/14/20 18:08	1
Tetrachloro-m-xylene (2C)	95		30 - 150	09/11/20 09:45	09/14/20 18:08	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	✱	09/13/20 11:29	09/15/20 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	77		40 - 140	09/13/20 11:29	09/15/20 18:00	1
o-terphenyl (Surr)	71		40 - 140	09/13/20 11:29	09/15/20 18:00	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C12-C16 Aromatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C16-C21 Aliphatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C16-C21 Aromatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C21-C36 Aromatic (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C21-C40 Aliphatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C10-C12 Aromatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1
C9-C12 Aliphatics (1C)	ND		12	3.5	mg/Kg	✱	09/13/20 11:23	09/16/20 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	48		40 - 140	09/13/20 11:23	09/16/20 19:24	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140	09/13/20 11:23	09/16/20 19:24	1
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140	09/13/20 11:23	09/16/20 19:24	1
o-terphenyl (Surr) (1C)	62		40 - 140	09/13/20 11:23	09/16/20 19:24	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Aluminum	28000		22	12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Arsenic	7.0		3.4	1.3	mg/Kg	✱	09/08/20 17:19	09/11/20 10:51	1
Barium	120		0.56	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Beryllium	1.2		0.56	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Cadmium	ND		0.56	0.11	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Calcium	910		22	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Chromium	43		1.7	0.20	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Cobalt	12		0.56	0.16	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Copper	29		2.2	0.86	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	40000		110	35	mg/Kg	✱	09/08/20 17:19	09/11/20 10:54	5
Lead	36		1.7	0.67	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Magnesium	6900		11	4.5	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Manganese	510		1.1	0.58	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Nickel	26		1.1	0.29	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Potassium	3500		34	23	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Selenium	2.7 J		5.6	1.7	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Silver	ND		1.1	0.45	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Sodium	190		110	52	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Thallium	ND		3.4	1.5	mg/Kg	✱	09/08/20 17:19	09/12/20 23:40	1
Zinc	56		2.2	1.1	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1
Vanadium	79		1.1	0.48	mg/Kg	✱	09/08/20 17:19	09/11/20 00:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.069	0.029	mg/Kg	✱	09/09/20 11:40	09/10/20 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.56	0.20	mg/Kg	✱	09/13/20 13:31	09/14/20 12:08	1
Percent Moisture	15.9		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	84.1		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,1,2-Trichloroethane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2,3-Trichlorobenzene	ND		11	5.7	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2,4-Trichlorobenzene	ND		11	5.7	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2-Dibromo-3-Chloropropane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2-Dibromoethane	ND		5.7	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2-Dichloroethane	ND		5.7	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,2-Dichloropropane	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
1,4-Dichlorobenzene	ND		5.7	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
2-Butanone	18		11	2.3	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
Acetone	260		23	6.9	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
Benzene	ND		5.7	0.57	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
Bromochloromethane	ND		5.7	0.69	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1
Bromodichloromethane	ND		5.7	0.46	ug/Kg	✱	09/04/20 20:16	09/10/20 16:03	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		11	5.7	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Bromomethane	ND		5.7	0.80	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Carbon disulfide	ND		5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Carbon tetrachloride	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Chlorobenzene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Chloroform	ND		5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Chloromethane	1.9	J	5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
cis-1,3-Dichloropropene	ND		5.7	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Cyclohexane	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Dichlorodifluoromethane	ND		5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Ethylbenzene	ND		5.7	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Freon 113	ND		11	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Isopropylbenzene	ND		5.7	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
m&p-Xylene	ND		5.7	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Methyl acetate	25		5.7	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Methyl tertiary butyl ether	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Methylcyclohexane	ND		5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
o-Xylene	ND		5.7	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Styrene	ND		5.7	0.46	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Toluene	0.72	J	5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Trichlorofluoromethane	ND		5.7	0.80	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1
Xylenes, Total	ND		11	1.6	ug/Kg	☼	09/04/20 20:16	09/10/20 16:03	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Acetaldehyde	9.1	T J N	ug/Kg	☼	2.28	75-07-0	09/04/20 20:16	09/10/20 16:03	1
Unknown	12	T J	ug/Kg	☼	10.52		09/04/20 20:16	09/10/20 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/04/20 20:16	09/10/20 16:03	1
4-Bromofluorobenzene (Surr)	91		70 - 130	09/04/20 20:16	09/10/20 16:03	1
Dibromofluoromethane (Surr)	108		70 - 130	09/04/20 20:16	09/10/20 16:03	1
Toluene-d8 (Surr)	103		70 - 130	09/04/20 20:16	09/10/20 16:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
1,2,4,5-Tetrachlorobenzene	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
1,4-Dioxane	ND		420	120	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
2,2'-oxybis[1-chloropropane]	ND	*	54	25	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
2,3,4,6-Tetrachlorophenol	ND		210	83	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
2,4,5-Trichlorophenol	ND		83	37	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		71	33	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2,4-Dichlorophenol	ND		54	25	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2,4-Dimethylphenol	ND	*	83	37	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2,4-Dinitrophenol	ND		1200	420	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2,4-Dinitrotoluene	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2,6-Dinitrotoluene	ND		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Chloronaphthalene	ND		42	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Chlorophenol	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Methylnaphthalene	6.8	J	42	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Methylphenol	ND		83	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Nitroaniline	ND		62	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
2-Nitrophenol	ND		71	33	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
3,3'-Dichlorobenzidine	ND	*	420	120	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
3-Nitroaniline	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4,6-Dinitro-2-methylphenol	ND		620	290	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Bromophenyl-phenylether	ND		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Chloro-3-methylphenol	ND		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Chlorophenyl-phenyl ether	ND		54	25	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Chloroaniline	ND		210	42	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Methylphenol	ND		62	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Nitroaniline	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
4-Nitrophenol	ND		620	210	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Acenaphthylene	13	J	21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Acenaphthene	13	J	21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Acetophenone	ND		62	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Anthracene	48		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Atrazine	ND		540	250	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzaldehyde	ND	*	210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzo[a]anthracene	130		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzo[a]pyrene	110		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzo[b]fluoranthene	140		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzo[g,h,i]perylene	78		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Benzo[k]fluoranthene	58		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Bis(2-chloroethoxy)methane	ND	*	46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Bis(2-chloroethyl)ether	ND	*	62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Bis(2-ethylhexyl) phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Butylbenzylphthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Caprolactam	ND		210	42	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Carbazole	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Chrysene	130		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Di-n-butyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Di-n-octyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Dibenz(a,h)anthracene	18	J	21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Dibenzofuran	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Dimethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Diethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Fluoranthene	260		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Fluorene	15	J	21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1
Hexachlorobenzene	ND		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 07:17	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		96	46	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Hexachlorocyclopentadiene	ND		620	250	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Hexachloroethane	ND	*	210	42	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Indeno[1,2,3-cd]pyrene	72		21	4.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Isophorone	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
N-Nitrosodi-n-propylamine	ND	*	62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
N-Nitrosodiphenylamine	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Naphthalene	16	J	21	8.3	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Nitrobenzene	ND	*	83	33	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Pentachlorophenol	ND		210	83	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Phenanthrene	130		21	4.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Phenol	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1
Pyrene	220		21	4.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:17	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	400	T J	ug/Kg	☼	9.59		09/14/20 09:45	09/15/20 07:17	1
Hexadecenoic acid, Z-11-	480	T J N	ug/Kg	☼	10.44	2416-20-8	09/14/20 09:45	09/15/20 07:17	1
n-Hexadecanoic acid	990	T J N	ug/Kg	☼	10.48	57-10-3	09/14/20 09:45	09/15/20 07:17	1
9-Octadecenoic acid, (E)-	420	T J N	ug/Kg	☼	11.17	112-79-8	09/14/20 09:45	09/15/20 07:17	1
Unknown	330	T J	ug/Kg	☼	11.93		09/14/20 09:45	09/15/20 07:17	1
Cyclotetrasiloxane	340	T J N	ug/Kg	☼	12.43	297-03-0	09/14/20 09:45	09/15/20 07:17	1
1-Octadecanethiol	430	T J N	ug/Kg	☼	13.10	2885-00-9	09/14/20 09:45	09/15/20 07:17	1
Unknown	360	T J	ug/Kg	☼	13.33		09/14/20 09:45	09/15/20 07:17	1
Eicosane, 10-methyl-	970	T J N	ug/Kg	☼	13.76	54833-23-7	09/14/20 09:45	09/15/20 07:17	1
Unknown	340	T J	ug/Kg	☼	14.23		09/14/20 09:45	09/15/20 07:17	1
Octadecane	690	T J N	ug/Kg	☼	14.42	593-45-3	09/14/20 09:45	09/15/20 07:17	1
Unknown	340	T J	ug/Kg	☼	15.09		09/14/20 09:45	09/15/20 07:17	1
Triacontane	370	T J N	ug/Kg	☼	15.23	638-68-6	09/14/20 09:45	09/15/20 07:17	1
.gamma.-Sitosterol	1400	T J N	ug/Kg	☼	15.49	83-47-6	09/14/20 09:45	09/15/20 07:17	1
Unknown	360	T J	ug/Kg	☼	15.57		09/14/20 09:45	09/15/20 07:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		30 - 130	09/14/20 09:45	09/15/20 07:17	1
2-Fluorophenol (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 07:17	1
p-Terphenyl-d14 (Surr)	64		30 - 130	09/14/20 09:45	09/15/20 07:17	1
Phenol-d5 (Surr)	69		30 - 130	09/14/20 09:45	09/15/20 07:17	1
Nitrobenzene-d5 (Surr)	64		30 - 130	09/14/20 09:45	09/15/20 07:17	1
2-Fluorobiphenyl (Surr)	56		30 - 130	09/14/20 09:45	09/15/20 07:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
alpha-BHC (2C)	0.41	J	1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
alpha-Chlordane (1C)	ND		1.0	0.21	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
beta-BHC (1C)	ND		12	5.4	ug/Kg	☼	09/11/20 09:45	09/16/20 03:38	10
delta-BHC (2C)	ND		1.2	0.56	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
Dieldrin (1C)	0.57	J	2.1	0.41	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
Endosulfan I (1C)	ND		1.0	0.27	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
Endosulfan II (1C)	ND		2.8	1.4	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1
Endosulfan sulfate (2C)	ND		2.1	0.41	ug/Kg	☼	09/11/20 09:45	09/15/20 16:42	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin (1C)	ND		2.1	0.84	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Endrin aldehyde (2C)	ND		2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Endrin ketone (2C)	2.6		2.5	0.74	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
gamma-BHC (Lindane) (1C)	ND		1.0	0.26	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
gamma-Chlordane (1C)	ND		1.0	0.31	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Heptachlor (2C)	ND		1.0	0.38	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Heptachlor epoxide (1C)	0.38	J	1.0	0.21	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Methoxychlor (1C)	ND		8.3	2.2	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
Toxaphene (1C)	ND		41	17	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
p,p'-DDD (2C)	0.45	J	2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
p,p'-DDE (2C)	1.3	J	2.1	0.41	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1
p,p'-DDT (2C)	2.8	B	2.1	0.97	ug/Kg	✱	09/11/20 09:45	09/15/20 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	76		30 - 150	09/11/20 09:45	09/15/20 16:42	1
DCB Decachlorobiphenyl (Surr) (1C)	93		30 - 150	09/11/20 09:45	09/16/20 03:38	10
DCB Decachlorobiphenyl (Surr) (2C)	77		30 - 150	09/11/20 09:45	09/15/20 16:42	1
DCB Decachlorobiphenyl (Surr) (2C)	97		30 - 150	09/11/20 09:45	09/16/20 03:38	10
Tetrachloro-m-xylene (Surr) (1C)	92		30 - 150	09/11/20 09:45	09/15/20 16:42	1
Tetrachloro-m-xylene (Surr) (1C)	92		30 - 150	09/11/20 09:45	09/16/20 03:38	10
Tetrachloro-m-xylene (Surr) (2C)	72		30 - 150	09/11/20 09:45	09/15/20 16:42	1
Tetrachloro-m-xylene (Surr) (2C)	90		30 - 150	09/11/20 09:45	09/16/20 03:38	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.4	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1221 (1C)	ND		21	5.7	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1232 (1C)	ND		21	9.9	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1242 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1248 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1254 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1
PCB-1260 (1C)	30		21	6.0	ug/Kg	✱	09/11/20 09:45	09/14/20 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	80		30 - 150	09/11/20 09:45	09/14/20 18:18	1
DCB Decachlorobiphenyl (Surr) (2C)	88		30 - 150	09/11/20 09:45	09/14/20 18:18	1
Tetrachloro-m-xylene (1C)	81		30 - 150	09/11/20 09:45	09/14/20 18:18	1
Tetrachloro-m-xylene (2C)	93		30 - 150	09/11/20 09:45	09/14/20 18:18	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	66		13	13	mg/Kg	✱	09/13/20 11:29	09/15/20 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	77		40 - 140	09/13/20 11:29	09/15/20 18:25	1
o-terphenyl (Surr)	79		40 - 140	09/13/20 11:29	09/15/20 18:25	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		13	3.8	mg/Kg	✱	09/13/20 11:23	09/16/20 20:05	1
C12-C16 Aromatics (1C)	ND		13	3.8	mg/Kg	✱	09/13/20 11:23	09/16/20 20:05	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C16-C21 Aliphatics (1C)	ND		13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1
C16-C21 Aromatics (1C)	ND		13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1
C21-C36 Aromatic (1C)	8.1	J	13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1
C21-C40 Aliphatics (1C)	4.6	J B	13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1
C10-C12 Aromatics (1C)	ND		13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1
C9-C12 Aliphatics (1C)	ND		13	3.8	mg/Kg	☆	09/13/20 11:23	09/16/20 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	47		40 - 140	09/13/20 11:23	09/16/20 20:05	1
2-Bromonaphthalene (Surr) (1C)	73		40 - 140	09/13/20 11:23	09/16/20 20:05	1
2-Fluorobiphenyl (Surr) (1C)	76		40 - 140	09/13/20 11:23	09/16/20 20:05	1
o-terphenyl (Surr) (1C)	73		40 - 140	09/13/20 11:23	09/16/20 20:05	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Aluminum	30000		23	12	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Arsenic	7.3		3.4	1.4	mg/Kg	☆	09/08/20 17:19	09/11/20 10:57	1
Barium	200		0.57	0.17	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Beryllium	1.6		0.57	0.11	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Cadmium	ND		0.57	0.11	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Calcium	3500		23	14	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Chromium	39		1.7	0.21	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Cobalt	15		0.57	0.17	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Copper	36		2.3	0.88	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Iron	7800		23	7.1	mg/Kg	☆	09/08/20 17:19	09/11/20 11:01	1
Lead	41		1.7	0.68	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Magnesium	7500		11	4.6	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Manganese	1000		1.1	0.59	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Nickel	29		1.1	0.30	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Potassium	4600		34	23	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Selenium	ND		5.7	1.7	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Silver	ND		1.1	0.46	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Sodium	2600		110	53	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Thallium	ND		3.4	1.5	mg/Kg	☆	09/08/20 17:19	09/12/20 23:44	1
Zinc	100		2.3	1.1	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1
Vanadium	56		1.1	0.49	mg/Kg	☆	09/08/20 17:19	09/11/20 00:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.073	0.030	mg/Kg	☆	09/09/20 11:40	09/10/20 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.66	0.24	mg/Kg	☆	09/13/20 13:31	09/14/20 12:09	1
Percent Moisture	20.3		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	79.7		1.0	1.0	%			09/08/20 08:24	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,1,2,2-Tetrachloroethane	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,1,2-Trichloroethane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,1-Dichloroethane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,1-Dichloroethene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2,3-Trichlorobenzene	ND		16	7.9	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2,4-Trichlorobenzene	ND		16	7.9	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2-Dibromo-3-Chloropropane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2-Dibromoethane	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2-Dichlorobenzene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2-Dichloroethane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,2-Dichloropropane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,3-Dichlorobenzene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
1,4-Dichlorobenzene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
2-Butanone	15	J	16	3.2	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
2-Hexanone	ND		16	1.6	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
4-Methyl-2-pentanone	ND		16	1.6	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Acetone	110		32	9.5	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Benzene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Bromochloromethane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Bromodichloromethane	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Bromoform	ND		16	7.9	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Bromomethane	ND		7.9	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Carbon disulfide	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Carbon tetrachloride	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Chlorobenzene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Chloroethane	ND		7.9	1.6	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Chloroform	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Chloromethane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
cis-1,2-Dichloroethene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
cis-1,3-Dichloropropene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Cyclohexane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Dibromochloromethane	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Dichlorodifluoromethane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Ethylbenzene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Freon 113	ND		16	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Isopropylbenzene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
m&p-Xylene	ND		7.9	1.6	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Methyl acetate	2.8	J	7.9	1.6	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Methyl tertiary butyl ether	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Methylcyclohexane	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Methylene Chloride	ND		7.9	3.2	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
o-Xylene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Styrene	ND		7.9	0.63	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Tetrachloroethene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Toluene	ND		7.9	0.95	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
trans-1,2-Dichloroethene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
trans-1,3-Dichloropropene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1
Trichloroethene	ND		7.9	0.79	ug/Kg	✱	09/04/20 20:16	09/10/20 16:26	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		7.9	1.1	ug/Kg	☼	09/04/20 20:16	09/10/20 16:26	1
Vinyl chloride	ND		7.9	0.95	ug/Kg	☼	09/04/20 20:16	09/10/20 16:26	1
Xylenes, Total	ND		16	2.2	ug/Kg	☼	09/04/20 20:16	09/10/20 16:26	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	69	T J	ug/Kg	☼	4.22		09/04/20 20:16	09/10/20 16:26	1
Unknown	9.4	T J	ug/Kg	☼	13.10		09/04/20 20:16	09/10/20 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130	09/04/20 20:16	09/10/20 16:26	1
4-Bromofluorobenzene (Surr)	90		70 - 130	09/04/20 20:16	09/10/20 16:26	1
Dibromofluoromethane (Surr)	110		70 - 130	09/04/20 20:16	09/10/20 16:26	1
Toluene-d8 (Surr)	99		70 - 130	09/04/20 20:16	09/10/20 16:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
1,2,4,5-Tetrachlorobenzene	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
1,4-Dioxane	ND		410	120	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,2'-oxybis[1-chloropropane]	ND	*	53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,3,4,6-Tetrachlorophenol	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4,5-Trichlorophenol	ND		82	37	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4,6-Trichlorophenol	ND		70	33	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4-Dichlorophenol	ND		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4-Dimethylphenol	ND	*	82	37	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4-Dinitrophenol	ND		1200	410	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,4-Dinitrotoluene	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2,6-Dinitrotoluene	ND		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Chloronaphthalene	ND		41	8.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Chlorophenol	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Methylnaphthalene	ND		41	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Methylphenol	ND		82	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Nitroaniline	ND		62	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
2-Nitrophenol	ND		70	33	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
3,3'-Dichlorobenzidine	ND	*	410	120	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
3-Nitroaniline	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4,6-Dinitro-2-methylphenol	ND		620	290	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Bromophenyl-phenylether	ND		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Chloro-3-methylphenol	ND		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Chlorophenyl-phenyl ether	ND		53	25	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Chloroaniline	ND		210	41	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Methylphenol	ND		62	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Nitroaniline	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
4-Nitrophenol	ND		620	210	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Acenaphthylene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Acenaphthene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Acetophenone	ND		62	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Anthracene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Atrazine	ND		530	250	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Benzaldehyde	ND	*	210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		21	8.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Benzo[a]pyrene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Benzo[b]fluoranthene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Benzo[g,h,i]perylene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Benzo[k]fluoranthene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Bis(2-chloroethoxy)methane	ND *		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Bis(2-chloroethyl)ether	ND *		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Bis(2-ethylhexyl) phthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Butylbenzylphthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Caprolactam	ND		210	41	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Carbazole	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Chrysene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Di-n-butyl phthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Di-n-octyl phthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Dibenz(a,h)anthracene	ND		21	8.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Dibenzofuran	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Dimethyl phthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Diethyl phthalate	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Fluoranthene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Fluorene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Hexachlorobenzene	ND		21	8.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Hexachlorobutadiene	ND		95	45	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Hexachlorocyclopentadiene	ND		620	250	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Hexachloroethane	ND *		210	41	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Indeno[1,2,3-cd]pyrene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Isophorone	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
N-Nitrosodi-n-propylamine	ND *		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
N-Nitrosodiphenylamine	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Naphthalene	ND		21	8.2	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Nitrobenzene	ND *		82	33	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Pentachlorophenol	ND		210	82	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Phenanthrene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Phenol	ND		45	21	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1
Pyrene	ND		21	4.1	ug/Kg	☼	09/14/20 09:45	09/15/20 07:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	240	T J	ug/Kg	☼	12.77		09/14/20 09:45	09/15/20 07:41	1
Unknown	310	T J	ug/Kg	☼	12.89		09/14/20 09:45	09/15/20 07:41	1
Unknown	250	T J	ug/Kg	☼	13.10		09/14/20 09:45	09/15/20 07:41	1
Octadecane, 5,14-dibutyl-	320	T J N	ug/Kg	☼	13.43	55282-13-8	09/14/20 09:45	09/15/20 07:41	1
Eicosane	410	T J N	ug/Kg	☼	13.76	112-95-8	09/14/20 09:45	09/15/20 07:41	1
Hexacosane	380	T J N	ug/Kg	☼	14.07	630-01-3	09/14/20 09:45	09/15/20 07:41	1
Heptacosane	570	T J N	ug/Kg	☼	14.42	593-49-7	09/14/20 09:45	09/15/20 07:41	1
Heneicosane, 11-pentyl-	630	T J N	ug/Kg	☼	14.80	14739-72-1	09/14/20 09:45	09/15/20 07:41	1
Docosane	740	T J N	ug/Kg	☼	15.23	629-97-0	09/14/20 09:45	09/15/20 07:41	1
20.Xi.-Lanosta-7,9(11)-diene-3.beta., 18,20-triol	740	T J N	ug/Kg	☼	15.72	25116-58-9	09/14/20 09:45	09/15/20 07:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		30 - 130	09/14/20 09:45	09/15/20 07:41	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	60		30 - 130	09/14/20 09:45	09/15/20 07:41	1
p-Terphenyl-d14 (Surr)	68		30 - 130	09/14/20 09:45	09/15/20 07:41	1
Phenol-d5 (Surr)	65		30 - 130	09/14/20 09:45	09/15/20 07:41	1
Nitrobenzene-d5 (Surr)	60		30 - 130	09/14/20 09:45	09/15/20 07:41	1
2-Fluorobiphenyl (Surr)	63		30 - 130	09/14/20 09:45	09/15/20 07:41	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
alpha-BHC (1C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
alpha-Chlordane (1C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
beta-BHC (1C)	ND		1.2	0.54	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
delta-BHC (1C)	ND		1.2	0.56	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Dieldrin (1C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endosulfan I (1C)	ND		1.0	0.27	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endosulfan II (1C)	ND		2.8	1.4	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endosulfan sulfate (1C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endrin (1C)	ND		2.1	0.84	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endrin aldehyde (2C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Endrin ketone (1C)	ND		2.5	0.74	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
gamma-BHC (Lindane) (1C)	ND		1.0	0.26	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
gamma-Chlordane (1C)	ND		1.0	0.31	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Heptachlor (1C)	ND		1.0	0.38	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Heptachlor epoxide (1C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Methoxychlor (1C)	ND		8.3	2.2	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
Toxaphene (1C)	ND		41	17	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
p,p'-DDD (2C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
p,p'-DDE (1C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1
p,p'-DDT (1C)	ND		2.1	0.98	ug/Kg	☆	09/11/20 09:45	09/15/20 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	82		30 - 150	09/11/20 09:45	09/15/20 17:06	1
DCB Decachlorobiphenyl (Surr) (2C)	83		30 - 150	09/11/20 09:45	09/15/20 17:06	1
Tetrachloro-m-xylene (Surr) (1C)	74		30 - 150	09/11/20 09:45	09/15/20 17:06	1
Tetrachloro-m-xylene (Surr) (2C)	69		30 - 150	09/11/20 09:45	09/15/20 17:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.4	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1221 (1C)	ND		21	5.7	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1232 (1C)	ND		21	9.9	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1242 (1C)	ND		21	4.1	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1248 (1C)	ND		21	4.1	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1254 (1C)	ND		21	4.1	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1
PCB-1260 (1C)	ND		21	6.1	ug/Kg	☆	09/11/20 09:45	09/14/20 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	91		30 - 150	09/11/20 09:45	09/14/20 18:59	1
DCB Decachlorobiphenyl (Surr) (2C)	93		30 - 150	09/11/20 09:45	09/14/20 18:59	1
Tetrachloro-m-xylene (1C)	89		30 - 150	09/11/20 09:45	09/14/20 18:59	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (2C)	103		30 - 150	09/11/20 09:45	09/14/20 18:59	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	✱	09/13/20 11:29	09/15/20 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	81		40 - 140	09/13/20 11:29	09/15/20 18:49	1
o-terphenyl (Surr)	74		40 - 140	09/13/20 11:29	09/15/20 18:49	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C12-C16 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C16-C21 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C16-C21 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C21-C36 Aromatic (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C21-C40 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C10-C12 Aromatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1
C9-C12 Aliphatics (1C)	ND		12	3.6	mg/Kg	✱	09/13/20 11:23	09/16/20 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	42		40 - 140	09/13/20 11:23	09/16/20 20:45	1
2-Bromonaphthalene (Surr) (1C)	73		40 - 140	09/13/20 11:23	09/16/20 20:45	1
2-Fluorobiphenyl (Surr) (1C)	75		40 - 140	09/13/20 11:23	09/16/20 20:45	1
o-terphenyl (Surr) (1C)	64		40 - 140	09/13/20 11:23	09/16/20 20:45	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Aluminum	45000		24	13	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Arsenic	3.3 J		3.5	1.4	mg/Kg	✱	09/08/20 17:19	09/11/20 11:04	1
Barium	400		0.59	0.18	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Beryllium	2.0		0.59	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Cadmium	ND		0.59	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Calcium	1300		24	14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Chromium	59		1.8	0.21	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Cobalt	21		0.59	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Copper	44		2.4	0.91	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Iron	55000		120	37	mg/Kg	✱	09/08/20 17:19	09/11/20 11:07	5
Lead	42		1.8	0.71	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Magnesium	9000		12	4.7	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Manganese	1300		1.2	0.61	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Nickel	41		1.2	0.31	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Potassium	6800		35	24	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Selenium	3.6 J		5.9	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Silver	ND		1.2	0.47	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Sodium	1500		120	54	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1
Thallium	ND		3.5	1.5	mg/Kg	✱	09/08/20 17:19	09/12/20 23:48	1
Zinc	98		2.4	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 00:48	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	58		1.2	0.51	mg/Kg	☆	09/08/20 17:19	09/11/20 00:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.073	0.030	mg/Kg	☆	09/09/20 11:40	09/10/20 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.65	0.23	mg/Kg	☆	09/14/20 12:32	09/14/20 22:57	1
Percent Moisture	20.0		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	80.0		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,1,1,2-Tetrachloroethane	ND		4.3	0.34	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,1,1,2-Trichloroethane	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,1-Dichloroethane	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,1-Dichloroethene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2,3-Trichlorobenzene	ND		8.5	4.3	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2,4-Trichlorobenzene	ND		8.5	4.3	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2-Dibromo-3-Chloropropane	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2-Dibromoethane	ND		4.3	0.34	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2-Dichlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2-Dichloroethane	ND		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,2-Dichloropropane	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,3-Dichlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
1,4-Dichlorobenzene	ND		4.3	0.34	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
2-Butanone	9.4		8.5	1.7	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
2-Hexanone	ND		8.5	0.85	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
4-Methyl-2-pentanone	ND		8.5	0.85	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Acetone	58		17	5.1	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Benzene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Bromochloromethane	ND		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Bromodichloromethane	ND		4.3	0.34	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Bromoform	ND		8.5	4.3	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Bromomethane	ND		4.3	0.60	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Carbon disulfide	2.8 J		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Carbon tetrachloride	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Chlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Chloroethane	ND		4.3	0.85	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Chloroform	ND		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Chloromethane	ND		4.3	0.51	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
cis-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
cis-1,3-Dichloropropene	ND		4.3	0.34	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1
Cyclohexane	ND		4.3	0.43	ug/Kg	☆	09/04/20 20:16	09/10/20 16:49	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Dichlorodifluoromethane	ND		4.3	0.51	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Ethylbenzene	ND		4.3	0.34	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Freon 113	ND		8.5	0.51	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Isopropylbenzene	ND		4.3	0.34	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
m&p-Xylene	ND		4.3	0.85	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Methyl acetate	ND		4.3	0.85	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Methyl tertiary butyl ether	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Methylcyclohexane	ND		4.3	0.51	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Methylene Chloride	ND		4.3	1.7	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
o-Xylene	ND		4.3	0.34	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Styrene	ND		4.3	0.34	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Tetrachloroethene	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Toluene	ND		4.3	0.51	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
trans-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
trans-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Trichloroethene	ND		4.3	0.43	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Trichlorofluoromethane	ND		4.3	0.60	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Vinyl chloride	ND		4.3	0.51	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1
Xylenes, Total	ND		8.5	1.2	ug/Kg	☼	09/04/20 20:16	09/10/20 16:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	10	T J	ug/Kg	☼	2.18		09/04/20 20:16	09/10/20 16:49	1
Unknown	5.4	T J	ug/Kg	☼	4.21		09/04/20 20:16	09/10/20 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/04/20 20:16	09/10/20 16:49	1
4-Bromofluorobenzene (Surr)	87		70 - 130	09/04/20 20:16	09/10/20 16:49	1
Dibromofluoromethane (Surr)	109		70 - 130	09/04/20 20:16	09/10/20 16:49	1
Toluene-d8 (Surr)	102		70 - 130	09/04/20 20:16	09/10/20 16:49	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		41	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
1,2,4,5-Tetrachlorobenzene	ND		41	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
1,4-Dioxane	ND		370	110	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,2'-oxybis[1-chloropropane]	ND	*	48	22	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,3,4,6-Tetrachlorophenol	ND		180	74	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4,5-Trichlorophenol	ND		74	33	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4,6-Trichlorophenol	ND		63	29	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4-Dichlorophenol	ND		48	22	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4-Dimethylphenol	ND	*	74	33	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,4-Dinitrotoluene	ND		180	74	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2,6-Dinitrotoluene	ND		55	26	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2-Chloronaphthalene	ND		37	7.4	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2-Chlorophenol	ND		41	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2-Methylnaphthalene	ND		37	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2-Methylphenol	ND		74	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
2-Nitroaniline	ND		55	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		63	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
3,3'-Dichlorobenzidine	ND	*	370	110	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
3-Nitroaniline	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4,6-Dinitro-2-methylphenol	ND		550	260	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Bromophenyl-phenylether	ND		55	26	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Chloro-3-methylphenol	ND		55	26	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Chlorophenyl-phenyl ether	ND		48	22	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Chloroaniline	ND		180	37	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Methylphenol	ND		55	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Nitroaniline	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
4-Nitrophenol	ND		550	180	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Acenaphthylene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Acenaphthene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Acetophenone	ND		55	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Anthracene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Atrazine	ND		480	220	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzaldehyde	ND	*	180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzo[a]anthracene	ND		18	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzo[a]pyrene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzo[b]fluoranthene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzo[g,h,i]perylene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Benzo[k]fluoranthene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Bis(2-chloroethoxy)methane	ND	*	41	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Bis(2-chloroethyl)ether	ND	*	55	26	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Bis(2-ethylhexyl) phthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Butylbenzylphthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Caprolactam	ND		180	37	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Carbazole	ND		41	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Chrysene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Di-n-butyl phthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Di-n-octyl phthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Dibenz(a,h)anthracene	ND		18	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Dibenzofuran	ND		41	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Dimethyl phthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Diethyl phthalate	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Fluoranthene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Fluorene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Hexachlorobenzene	ND		18	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Hexachlorobutadiene	ND		85	41	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Hexachlorocyclopentadiene	ND		550	220	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Hexachloroethane	ND	*	180	37	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Indeno[1,2,3-cd]pyrene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Isophorone	ND		41	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
N-Nitrosodi-n-propylamine	ND	*	55	26	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
N-Nitrosodiphenylamine	ND		41	18	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Naphthalene	ND		18	7.4	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Nitrobenzene	ND	*	74	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Pentachlorophenol	ND		180	74	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1
Phenanthrene	ND		18	3.7	ug/Kg	✱	09/14/20 09:45	09/15/20 08:04	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		41	18	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1
Pyrene	ND		18	3.7	ug/Kg	☼	09/14/20 09:45	09/15/20 08:04	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	170	T J	ug/Kg	☼	3.31		09/14/20 09:45	09/15/20 08:04	1
n-Hexadecanoic acid	180	T J N	ug/Kg	☼	10.48	57-10-3	09/14/20 09:45	09/15/20 08:04	1
Phenol, 4,4'-(1-methylethylidene)bis-	240	T J N	ug/Kg	☼	11.36	80-05-7	09/14/20 09:45	09/15/20 08:04	1
Octacosane	540	T J N	ug/Kg	☼	13.43	630-02-4	09/14/20 09:45	09/15/20 08:04	1
Hexatriacontane	390	T J N	ug/Kg	☼	14.42	630-06-8	09/14/20 09:45	09/15/20 08:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		30 - 130	09/14/20 09:45	09/15/20 08:04	1
2-Fluorophenol (Surr)	66		30 - 130	09/14/20 09:45	09/15/20 08:04	1
p-Terphenyl-d14 (Surr)	72		30 - 130	09/14/20 09:45	09/15/20 08:04	1
Phenol-d5 (Surr)	68		30 - 130	09/14/20 09:45	09/15/20 08:04	1
Nitrobenzene-d5 (Surr)	62		30 - 130	09/14/20 09:45	09/15/20 08:04	1
2-Fluorobiphenyl (Surr)	65		30 - 130	09/14/20 09:45	09/15/20 08:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.92	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
alpha-BHC (1C)	ND		0.92	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
alpha-Chlordane (1C)	ND		0.92	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
beta-BHC (1C)	ND		1.1	0.49	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
delta-BHC (1C)	ND		1.1	0.50	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Dieldrin (2C)	ND		1.9	0.37	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endosulfan I (1C)	ND		0.92	0.24	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endosulfan II (1C)	ND		2.6	1.2	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endosulfan sulfate (1C)	ND		1.9	0.37	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endrin (1C)	ND		1.9	0.75	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endrin aldehyde (1C)	ND		1.9	0.37	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Endrin ketone (1C)	ND		2.2	0.67	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
gamma-BHC (Lindane) (1C)	ND		0.92	0.23	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
gamma-Chlordane (1C)	ND		0.92	0.28	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Heptachlor (1C)	ND		0.92	0.34	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Heptachlor epoxide (1C)	ND		0.92	0.19	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Methoxychlor (1C)	ND		7.4	2.0	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
Toxaphene (1C)	ND		37	16	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
p,p'-DDD (2C)	ND		1.9	0.37	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
p,p'-DDE (1C)	ND		1.9	0.37	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1
p,p'-DDT (1C)	ND		1.9	0.88	ug/Kg	☼	09/11/20 09:45	09/15/20 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	86		30 - 150	09/11/20 09:45	09/15/20 17:18	1
DCB Decachlorobiphenyl (Surr) (2C)	86		30 - 150	09/11/20 09:45	09/15/20 17:18	1
Tetrachloro-m-xylene (Surr) (1C)	73		30 - 150	09/11/20 09:45	09/15/20 17:18	1
Tetrachloro-m-xylene (Surr) (2C)	71		30 - 150	09/11/20 09:45	09/15/20 17:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.0	ug/Kg	☼	09/11/20 09:45	09/14/20 19:09	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 (1C)	ND		19	5.1	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1
PCB-1232 (1C)	ND		19	8.9	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1
PCB-1260 (1C)	ND		19	5.4	ug/Kg	✱	09/11/20 09:45	09/14/20 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	92		30 - 150	09/11/20 09:45	09/14/20 19:09	1
DCB Decachlorobiphenyl (Surr) (2C)	89		30 - 150	09/11/20 09:45	09/14/20 19:09	1
Tetrachloro-m-xylene (1C)	84		30 - 150	09/11/20 09:45	09/14/20 19:09	1
Tetrachloro-m-xylene (2C)	94		30 - 150	09/11/20 09:45	09/14/20 19:09	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	13		11	11	mg/Kg	✱	09/13/20 11:29	09/15/20 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	89		40 - 140	09/13/20 11:29	09/15/20 19:14	1
o-terphenyl (Surr)	80		40 - 140	09/13/20 11:29	09/15/20 19:14	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C21-C36 Aromatic (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C21-C40 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C10-C12 Aromatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1
C9-C12 Aliphatics (1C)	ND		11	3.3	mg/Kg	✱	09/13/20 11:23	09/16/20 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	41		40 - 140	09/13/20 11:23	09/16/20 21:25	1
2-Bromonaphthalene (Surr) (1C)	79		40 - 140	09/13/20 11:23	09/16/20 21:25	1
2-Fluorobiphenyl (Surr) (1C)	82		40 - 140	09/13/20 11:23	09/16/20 21:25	1
o-terphenyl (Surr) (1C)	69		40 - 140	09/13/20 11:23	09/16/20 21:25	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluoroheptanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorooctanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorononanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorodecanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorotridecanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorotetradecanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorobutanesulfonic acid	ND		2.1	0.41	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorohexanesulfonic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluorooctanesulfonic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Perfluoroundecanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid	ND		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 00:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	85		11 - 138				09/08/20 08:51	09/09/20 00:34	1
13C4 PFHpA	84		15 - 139				09/08/20 08:51	09/09/20 00:34	1
13C8 PFOA	84		21 - 133				09/08/20 08:51	09/09/20 00:34	1
13C9 PFNA	97		15 - 145				09/08/20 08:51	09/09/20 00:34	1
13C6 PFDA	88		21 - 134				09/08/20 08:51	09/09/20 00:34	1
13C7 PFUnA	90		15 - 138				09/08/20 08:51	09/09/20 00:34	1
13C2-PFDoDA	89		28 - 126				09/08/20 08:51	09/09/20 00:34	1
13C2 PFTeDA	87		10 - 138				09/08/20 08:51	09/09/20 00:34	1
13C3 PFBS	95		23 - 130				09/08/20 08:51	09/09/20 00:34	1
13C3 PFHxS	87		24 - 136				09/08/20 08:51	09/09/20 00:34	1
13C8 PFOS	96		31 - 130				09/08/20 08:51	09/09/20 00:34	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		27	9.3	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Aluminum	37000		110	58	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Arsenic	ND		16	6.6	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Barium	300		2.7	0.82	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Beryllium	2.3 J		2.7	0.55	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Cadmium	ND		2.7	0.55	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Calcium	14000		110	66	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Chromium	52		8.2	0.99	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Cobalt	18		2.7	0.80	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Copper	40		11	4.2	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Iron	36000		110	34	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Lead	20		8.2	3.3	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Magnesium	12000		55	22	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Manganese	950		5.5	2.8	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Nickel	39		5.5	1.4	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Potassium	8300		160	110	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Selenium	ND		27	8.2	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Silver	ND		5.5	2.2	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Sodium	11000		550	250	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Thallium	ND		16	7.1	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Zinc	91		11	5.5	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5
Vanadium	63		5.5	2.4	mg/Kg	✱	09/08/20 05:30	09/13/20 00:16	5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		6.7	2.8	mg/Kg	✱	09/08/20 06:20	09/08/20 18:05	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.58	0.21	mg/Kg	✱	09/14/20 12:32	09/14/20 22:59	1
Percent Moisture	10.4		1.0	1.0	%			09/04/20 18:43	1
Percent Solids	89.6		1.0	1.0	%			09/04/20 18:43	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2,3-Trichlorobenzene	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2-Dibromoethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2-Dichlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,3-Dichlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
1,4-Dichlorobenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
2-Butanone	13		11	2.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Acetone	88		21	6.4	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Benzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Bromochloromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Bromodichloromethane	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Bromoform	ND		11	5.3	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Bromomethane	ND		5.3	0.74	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Carbon disulfide	7.2		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Chloroethane	ND		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Chloroform	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Chloromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
cis-1,3-Dichloropropene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Cyclohexane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Dichlorodifluoromethane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Ethylbenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Freon 113	ND		11	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Isopropylbenzene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
m&p-Xylene	ND		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Methyl acetate	3.3 J		5.3	1.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Methylcyclohexane	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
o-Xylene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Styrene	ND		5.3	0.42	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Toluene	ND		5.3	0.64	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1
Trichloroethene	ND		5.3	0.53	ug/Kg	✱	09/04/20 20:16	09/10/20 19:31	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.3	0.74	ug/Kg	☼	09/04/20 20:16	09/10/20 19:31	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	09/04/20 20:16	09/10/20 19:31	1
Xylenes, Total	ND		11	1.5	ug/Kg	☼	09/04/20 20:16	09/10/20 19:31	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Undecane	22	T J N	ug/Kg	☼	13.30	1120-21-4	09/04/20 20:16	09/10/20 19:31	1
Dodecane	40	T J N	ug/Kg	☼	14.04	112-40-3	09/04/20 20:16	09/10/20 19:31	1
Unknown	23	T J	ug/Kg	☼	14.14		09/04/20 20:16	09/10/20 19:31	1
Unknown	34	T J	ug/Kg	☼	14.40		09/04/20 20:16	09/10/20 19:31	1
Dodecane, 4-methyl-	19	T J N	ug/Kg	☼	14.44	6117-97-1	09/04/20 20:16	09/10/20 19:31	1
Unknown	34	T J	ug/Kg	☼	14.47		09/04/20 20:16	09/10/20 19:31	1
Dodecane, 4,6-dimethyl-	38	T J N	ug/Kg	☼	14.53	61141-72-8	09/04/20 20:16	09/10/20 19:31	1
Unknown	32	T J	ug/Kg	☼	14.58		09/04/20 20:16	09/10/20 19:31	1
Tridecane	85	T J N	ug/Kg	☼	14.70	629-50-5	09/04/20 20:16	09/10/20 19:31	1
Cyclotetradecane	22	T J N	ug/Kg	☼	14.77	295-17-0	09/04/20 20:16	09/10/20 19:31	1
Unknown	24	T J	ug/Kg	☼	14.93		09/04/20 20:16	09/10/20 19:31	1
Unknown	29	T J	ug/Kg	☼	15.01		09/04/20 20:16	09/10/20 19:31	1
Unknown	25	T J	ug/Kg	☼	15.15		09/04/20 20:16	09/10/20 19:31	1
Unknown	21	T J	ug/Kg	☼	15.20		09/04/20 20:16	09/10/20 19:31	1
Tetradecane	30	T J N	ug/Kg	☼	15.34	629-59-4	09/04/20 20:16	09/10/20 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/04/20 20:16	09/10/20 19:31	1
4-Bromofluorobenzene (Surr)	100		70 - 130	09/04/20 20:16	09/10/20 19:31	1
Dibromofluoromethane (Surr)	108		70 - 130	09/04/20 20:16	09/10/20 19:31	1
Toluene-d8 (Surr)	95		70 - 130	09/04/20 20:16	09/10/20 19:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
1,2,4,5-Tetrachlorobenzene	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
1,4-Dioxane	ND		420	120	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,2'-oxybis[1-chloropropane]	ND	*	54	25	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,3,4,6-Tetrachlorophenol	ND		210	83	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4,5-Trichlorophenol	ND		83	37	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4,6-Trichlorophenol	ND		71	33	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4-Dichlorophenol	ND		54	25	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4-Dimethylphenol	ND	*	83	37	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4-Dinitrophenol	ND		1200	420	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,4-Dinitrotoluene	ND		210	83	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2,6-Dinitrotoluene	ND		62	29	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Chloronaphthalene	ND		42	8.3	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Chlorophenol	ND		46	21	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Methylnaphthalene	ND		42	4.2	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Methylphenol	ND		83	21	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Nitroaniline	ND		62	21	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
2-Nitrophenol	ND		71	33	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
3,3'-Dichlorobenzidine	ND	*	420	120	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
3-Nitroaniline	ND		210	83	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1
4,6-Dinitro-2-methylphenol	ND		620	290	ug/Kg	☼	09/14/20 09:45	09/15/20 08:28	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl-phenylether	ND		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Chloro-3-methylphenol	ND		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Chlorophenyl-phenyl ether	ND		54	25	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Chloroaniline	ND		210	42	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Methylphenol	ND		62	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Nitroaniline	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
4-Nitrophenol	ND		620	210	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Acenaphthylene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Acenaphthene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Acetophenone	ND		62	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Anthracene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Atrazine	ND		540	250	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzaldehyde	ND *		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzo[a]anthracene	ND		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzo[a]pyrene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzo[b]fluoranthene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzo[g,h,i]perylene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Benzo[k]fluoranthene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Bis(2-chloroethoxy)methane	ND *		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Bis(2-chloroethyl)ether	ND *		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Bis(2-ethylhexyl) phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Butylbenzylphthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Caprolactam	ND		210	42	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Carbazole	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Chrysene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Di-n-butyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Di-n-octyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Dibenz(a,h)anthracene	ND		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Dibenzofuran	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Dimethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Diethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Fluoranthene	5.6 J		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Fluorene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Hexachlorobenzene	ND		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Hexachlorobutadiene	ND		95	46	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Hexachlorocyclopentadiene	ND		620	250	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Hexachloroethane	ND *		210	42	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Indeno[1,2,3-cd]pyrene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Isophorone	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
N-Nitrosodi-n-propylamine	ND *		62	29	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
N-Nitrosodiphenylamine	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Naphthalene	9.3 J		21	8.3	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Nitrobenzene	ND *		83	33	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Pentachlorophenol	ND		210	83	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Phenanthrene	ND		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Phenol	ND		46	21	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1
Pyrene	6.8 J		21	4.2	ug/Kg	✱	09/14/20 09:45	09/15/20 08:28	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tridecane	290	T J N	ug/Kg	✱	7.35	629-50-5	09/14/20 09:45	09/15/20 08:28	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	200	T J	ug/Kg	☆	14.80		09/14/20 09:45	09/15/20 08:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	39		30 - 130				09/14/20 09:45	09/15/20 08:28	1
2-Fluorophenol (Surr)	46		30 - 130				09/14/20 09:45	09/15/20 08:28	1
p-Terphenyl-d14 (Surr)	41		30 - 130				09/14/20 09:45	09/15/20 08:28	1
Phenol-d5 (Surr)	48		30 - 130				09/14/20 09:45	09/15/20 08:28	1
Nitrobenzene-d5 (Surr)	39		30 - 130				09/14/20 09:45	09/15/20 08:28	1
2-Fluorobiphenyl (Surr)	31		30 - 130				09/14/20 09:45	09/15/20 08:28	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		5.2	1.1	ug/Kg	☆	09/11/20 09:45	09/16/20 03:50	5
alpha-BHC (2C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
alpha-Chlordane (1C)	ND		5.2	1.1	ug/Kg	☆	09/11/20 09:45	09/16/20 03:50	5
beta-BHC (1C)	ND		1.3	0.55	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
delta-BHC (1C)	ND		1.3	0.57	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Dieldrin (2C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endosulfan I (1C)	ND		1.0	0.28	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endosulfan II (1C)	ND		2.9	1.4	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endosulfan sulfate (1C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endrin (1C)	ND		2.1	0.85	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endrin aldehyde (1C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Endrin ketone (1C)	ND		2.5	0.75	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
gamma-BHC (Lindane) (1C)	ND		5.2	1.3	ug/Kg	☆	09/11/20 09:45	09/16/20 03:50	5
gamma-Chlordane (1C)	ND		1.0	0.31	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Heptachlor (2C)	ND		1.0	0.39	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Heptachlor epoxide (1C)	ND		1.0	0.21	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Methoxychlor (1C)	ND		8.4	2.3	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
Toxaphene (1C)	ND		41	18	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
p,p'-DDD (2C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
p,p'-DDE (2C)	ND		2.1	0.41	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1
p,p'-DDT (2C)	ND		2.1	0.99	ug/Kg	☆	09/11/20 09:45	09/15/20 17:30	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	63		30 - 150				09/11/20 09:45	09/15/20 17:30	1
DCB Decachlorobiphenyl (Surr) (1C)	72		30 - 150				09/11/20 09:45	09/16/20 03:50	5
DCB Decachlorobiphenyl (Surr) (2C)	61		30 - 150				09/11/20 09:45	09/15/20 17:30	1
DCB Decachlorobiphenyl (Surr) (2C)	74		30 - 150				09/11/20 09:45	09/16/20 03:50	5
Tetrachloro-m-xylene (Surr) (1C)	75		30 - 150				09/11/20 09:45	09/15/20 17:30	1
Tetrachloro-m-xylene (Surr) (1C)	75		30 - 150				09/11/20 09:45	09/16/20 03:50	5
Tetrachloro-m-xylene (Surr) (2C)	58		30 - 150				09/11/20 09:45	09/15/20 17:30	1
Tetrachloro-m-xylene (Surr) (2C)	75		30 - 150				09/11/20 09:45	09/16/20 03:50	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.5	ug/Kg	☆	09/11/20 09:45	09/14/20 19:19	1
PCB-1221 (1C)	ND		21	5.8	ug/Kg	☆	09/11/20 09:45	09/14/20 19:19	1
PCB-1232 (1C)	ND		21	10	ug/Kg	☆	09/11/20 09:45	09/14/20 19:19	1
PCB-1242 (1C)	ND		21	4.1	ug/Kg	☆	09/11/20 09:45	09/14/20 19:19	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 19:19	1
PCB-1254 (1C)	ND		21	4.1	ug/Kg	✱	09/11/20 09:45	09/14/20 19:19	1
PCB-1260 (1C)	ND		21	6.2	ug/Kg	✱	09/11/20 09:45	09/14/20 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	78		30 - 150				09/11/20 09:45	09/14/20 19:19	1
DCB Decachlorobiphenyl (Surr) (2C)	80		30 - 150				09/11/20 09:45	09/14/20 19:19	1
Tetrachloro-m-xylene (1C)	80		30 - 150				09/11/20 09:45	09/14/20 19:19	1
Tetrachloro-m-xylene (2C)	87		30 - 150				09/11/20 09:45	09/14/20 19:19	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	43		12	12	mg/Kg	✱	09/16/20 15:58	09/17/20 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	32	X	40 - 140				09/16/20 15:58	09/17/20 22:27	1
o-terphenyl (Surr)	31	X	40 - 140				09/16/20 15:58	09/17/20 22:27	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluoroheptanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorooctanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorononanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorodecanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorotridecanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorotetradecanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorobutanesulfonic acid	ND		2.4	0.49	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorohexanesulfonic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorooctanesulfonic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluoroundecanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Perfluorododecanoic acid	ND		0.73	0.24	ng/g	✱	09/08/20 08:51	09/09/20 00:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	89		11 - 138				09/08/20 08:51	09/09/20 00:44	1
13C4 PFHpA	83		15 - 139				09/08/20 08:51	09/09/20 00:44	1
13C8 PFOA	89		21 - 133				09/08/20 08:51	09/09/20 00:44	1
13C9 PFNA	91		15 - 145				09/08/20 08:51	09/09/20 00:44	1
13C6 PFDA	91		21 - 134				09/08/20 08:51	09/09/20 00:44	1
13C7 PFUnA	101		15 - 138				09/08/20 08:51	09/09/20 00:44	1
13C2-PFDoDA	92		28 - 126				09/08/20 08:51	09/09/20 00:44	1
13C2 PFTeDA	96		10 - 138				09/08/20 08:51	09/09/20 00:44	1
13C3 PFBS	92		23 - 130				09/08/20 08:51	09/09/20 00:44	1
13C3 PFHxS	89		24 - 136				09/08/20 08:51	09/09/20 00:44	1
13C8 PFOS	92		31 - 130				09/08/20 08:51	09/09/20 00:44	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Aluminum	27000		23	12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Arsenic	9.9		3.5	1.4	mg/Kg	✱	09/08/20 17:19	09/11/20 11:11	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		0.58	0.18	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Beryllium	1.6		0.58	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Cadmium	ND		0.58	0.12	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Calcium	1300		23	14	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Chromium	44		1.8	0.21	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Cobalt	14		0.58	0.17	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Copper	30		2.3	0.90	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Iron	45000		120	36	mg/Kg	✱	09/08/20 17:19	09/11/20 11:14	5
Lead	39		1.8	0.70	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Magnesium	8700		12	4.7	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Manganese	300		1.2	0.61	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Nickel	29		1.2	0.30	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Potassium	4800		35	24	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Selenium	3.0 J		5.8	1.8	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Silver	ND		1.2	0.47	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Sodium	1100		120	54	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Thallium	23		3.5	1.5	mg/Kg	✱	09/08/20 17:19	09/25/20 04:59	1
Zinc	60		2.3	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1
Vanadium	78		1.2	0.50	mg/Kg	✱	09/08/20 17:19	09/11/20 00:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.070	0.029	mg/Kg	✱	09/09/20 11:40	09/10/20 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.66	0.24	mg/Kg	✱	09/14/20 12:32	09/14/20 23:00	1
Percent Moisture	20.8		1.0	1.0	%			09/08/20 09:16	1
Percent Solids	79.2		1.0	1.0	%			09/08/20 09:16	1

Client Sample ID: FB-1

Lab Sample ID: 410-12950-15

Date Collected: 09/02/20 09:40

Matrix: Water

Date Received: 09/03/20 16:50

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorodecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluoroheptanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorohexanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorohexanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorononanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorooctanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorooctanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	80		45 - 135				09/08/20 17:07	09/10/20 21:36	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: FB-1

Lab Sample ID: 410-12950-15

Date Collected: 09/02/20 09:40

Matrix: Water

Date Received: 09/03/20 16:50

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFDoDA	87		20 - 148	09/08/20 17:07	09/10/20 21:36	1
13C4 PFHpA	85		34 - 143	09/08/20 17:07	09/10/20 21:36	1
13C3 PFHxS	87		38 - 144	09/08/20 17:07	09/10/20 21:36	1
13C5 PFHxA	81		30 - 143	09/08/20 17:07	09/10/20 21:36	1
13C9 PFNA	76		36 - 151	09/08/20 17:07	09/10/20 21:36	1
13C8 PFOA	88		37 - 141	09/08/20 17:07	09/10/20 21:36	1
13C2 PFTeDA	84		10 - 158	09/08/20 17:07	09/10/20 21:36	1
13C7 PFUnA	92		33 - 148	09/08/20 17:07	09/10/20 21:36	1
13C3 PFBS	78		11 - 191	09/08/20 17:07	09/10/20 21:36	1
13C8 PFOS	79		42 - 136	09/08/20 17:07	09/10/20 21:36	1

Client Sample ID: RB-1

Lab Sample ID: 410-12950-16

Date Collected: 09/02/20 09:40

Matrix: Water

Date Received: 09/03/20 16:50

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorodecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorododecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluoroheptanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorohexanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorohexanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorononanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorooctanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorooctanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorotetradecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluorotridecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Perfluoroundecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 21:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	101		45 - 135				09/08/20 17:07	09/10/20 21:46	1
13C2-PFDoDA	109		20 - 148				09/08/20 17:07	09/10/20 21:46	1
13C4 PFHpA	108		34 - 143				09/08/20 17:07	09/10/20 21:46	1
13C3 PFHxS	109		38 - 144				09/08/20 17:07	09/10/20 21:46	1
13C5 PFHxA	110		30 - 143				09/08/20 17:07	09/10/20 21:46	1
13C9 PFNA	100		36 - 151				09/08/20 17:07	09/10/20 21:46	1
13C8 PFOA	111		37 - 141				09/08/20 17:07	09/10/20 21:46	1
13C2 PFTeDA	95		10 - 158				09/08/20 17:07	09/10/20 21:46	1
13C7 PFUnA	99		33 - 148				09/08/20 17:07	09/10/20 21:46	1
13C3 PFBS	99		11 - 191				09/08/20 17:07	09/10/20 21:46	1
13C8 PFOS	105		42 - 136				09/08/20 17:07	09/10/20 21:46	1

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-12950-1	S-9A	111	86	107	103
410-12950-2	S-9B	111	100	108	97
410-12950-3	S-10A	110	91	104	104
410-12950-4	S-10B	109	93	104	103
410-12950-5	S-11A	110	96	106	100
410-12950-6	S-11B	114	92	109	101
410-12950-7	S-12A	110	93	107	99
410-12950-8	S-12B	114	101	110	97
410-12950-9	S-13A	111	89	106	101
410-12950-10	S-13B	111	92	108	102
410-12950-11	S-14A	111	91	108	103
410-12950-12	S-14B	114	90	110	99
410-12950-13	S-15A	113	87	109	102
410-12950-14	S-15B	113	100	108	95
LCS 410-42478/4	Lab Control Sample	104	100	102	106
LCSD 410-42478/5	Lab Control Sample Dup	104	101	102	106
MB 410-42478/7	Method Blank	110	91	110	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-130)	2FP (30-130)	TPHd14 (30-130)	PHL (30-130)	NBZ (30-130)	FBP (30-130)
410-12950-1	S-9A	61	61	71	63	62	68
410-12950-2	S-9B	70	66	79	67	62	70
410-12950-3	S-10A	53	55	71	60	63	64
410-12950-4	S-10B	57	58	69	64	62	65
410-12950-5	S-11A	55	61	76	66	66	70
410-12950-6	S-11B	66	72	72	74	67	66
410-12950-7	S-12A	60	66	78	71	70	71
410-12950-8	S-12B	55	60	65	63	58	59
410-12950-9	S-13A	49	56	69	63	66	63
410-12950-10	S-13B	62	68	69	71	62	61
410-12950-11	S-14A	57	66	64	69	64	56
410-12950-12	S-14B	56	60	68	65	60	63
410-12950-13	S-15A	64	66	72	68	62	65
410-12950-14	S-15B	39	46	41	48	39	31
LCS 410-43084/2-A	Lab Control Sample	76	73	80	73	69	74
LCS 410-43401/2-A	Lab Control Sample	70	71	73	72	67	70
MB 410-43084/1-A	Method Blank	79	78	89	78	71	81
MB 410-43401/1-A	Method Blank	64	64	74	68	63	69

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-12950-1

Project/Site: TTN Site NJ

2FP = 2-Fluorophenol (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

PHL = Phenol-d5 (Surr)

NBZ = Nitrobenzene-d5 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-12950-1	S-9A	74	73	68	65
410-12950-2	S-9B	75	74	56	57
410-12950-3	S-10A	14 X	17 X	11 X	13 X
410-12950-4	S-10B	59	71	60	55
410-12950-5	S-11A	66	68	58	56
410-12950-6	S-11B	83	84	68	65
410-12950-7	S-12A	83	78	63	61
410-12950-8	S-12B	74	75	56	58
410-12950-9	S-13A	89	95	78	77
410-12950-10	S-13B	85	84	70	68
410-12950-11	S-14A	76	77	92	72
410-12950-11	S-14A	93	97	92	90
410-12950-12	S-14B	82	83	74	69
410-12950-13	S-15A	86	86	73	71
410-12950-14	S-15B	63	61	75	58
410-12950-14	S-15B	72	74	75	75
LCS 410-42844/2-A	Lab Control Sample	92	92	63	66
MB 410-42844/1-A	Method Blank	96	98	54	57
Surrogate Legend					
DCB = DCB Decachlorobiphenyl (Surr)					
TCX = Tetrachloro-m-xylene (Surr)					

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-12950-1	S-9A	80	83	77	87
410-12950-2	S-9B	81	76	67	76
410-12950-3	S-10A	91	100	76	84
410-12950-4	S-10B	60	68	62	69
410-12950-5	S-11A	72	71	71	80
410-12950-6	S-11B	89	85	77	84
410-12950-7	S-12A	85	85	79	88
410-12950-8	S-12B	79	81	72	81
410-12950-9	S-13A	95	97	90	102
410-12950-10	S-13B	90	87	83	95
410-12950-11	S-14A	80	88	81	93
410-12950-12	S-14B	91	93	89	103
410-12950-13	S-15A	92	89	84	94
410-12950-14	S-15B	78	80	80	87
LCS 410-42889/2-A	Lab Control Sample	96	94	98	111
LCS 410-44304/2-A	Lab Control Sample	124	118	97	104

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
MB 410-42889/1-A	Method Blank	95	90	105	119
MB 410-44304/1-A	Method Blank	119	115	106	106
Surrogate Legend					
DCB = DCB Decachlorobiphenyl (Surr)					
TCX = Tetrachloro-m-xylene					

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1COD (40-140)	OTP (40-140)
410-12950-1	S-9A	81	74
410-12950-1 MS	S-9A	77	84
410-12950-1 MSD	S-9A	73	78
410-12950-2	S-9B	81	73
410-12950-3	S-10A	83	75
410-12950-4	S-10B	83	75
410-12950-5	S-11A	81	74
410-12950-6	S-11B	78	71
410-12950-7	S-12A	88	84
410-12950-8	S-12B	86	78
410-12950-9	S-13A	74	68
410-12950-10	S-13B	77	71
410-12950-11	S-14A	77	79
410-12950-12	S-14B	81	74
410-12950-13	S-15A	89	80
410-12950-14	S-15B	32 X	31 X
LCS 410-43298/2-A	Lab Control Sample	80	84
LCS 410-44577/2-A	Lab Control Sample	76	85
LCSD 410-43298/3-A	Lab Control Sample Dup	77	84
LCSD 410-44577/3-A	Lab Control Sample Dup	78	86
MB 410-43298/1-A	Method Blank	90	81
MB 410-44577/1-A	Method Blank	93	84
Surrogate Legend			
1COD = 1-Chlorooctadecane (Surr)			
OTP = o- terphenyl (Surr)			

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2BN1 (40-140)	FBP1 (40-140)	OTP1 (40-140)
410-12950-1	S-9A	67	69	55
410-12950-1 MS	S-9A	73	75	70
410-12950-1 MSD	S-9A	76	79	65
410-12950-2	S-9B	79	82	66
410-12950-3	S-10A	76	78	67
410-12950-4	S-10B	74	77	65

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Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-12950-1

Project/Site: TTN Site NJ

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2BN1 (40-140)	FBP1 (40-140)	OTP1 (40-140)
410-12950-5	S-11A	75	78	68
410-12950-6	S-11B	75	76	61
410-12950-7	S-12A	78	80	68
410-12950-8	S-12B	84	84	75
410-12950-9	S-13A	78	81	60
410-12950-10	S-13B	78	79	62
410-12950-11	S-14A	73	76	73
410-12950-12	S-14B	73	75	64
410-12950-13	S-15A	79	82	69
LCS 410-43297/2-C	Lab Control Sample	73	76	69
LCSD 410-43297/3-C	Lab Control Sample Dup	81	85	77
MB 410-43297/1-C	Method Blank	76	80	67

Surrogate Legend

2BN = 2-Bromonaphthalene (Surr)

FBP = 2-Fluorobiphenyl (Surr)

OTP = o- terphenyl (Surr)

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		1COD1 (40-140)		
410-12950-1	S-9A	49		
410-12950-1 MS	S-9A	81		
410-12950-1 MSD	S-9A	74		
410-12950-2	S-9B	41		
410-12950-3	S-10A	47		
410-12950-4	S-10B	45		
410-12950-5	S-11A	43		
410-12950-6	S-11B	49		
410-12950-7	S-12A	50		
410-12950-8	S-12B	33 X		
410-12950-9	S-13A	44		
410-12950-10	S-13B	48		
410-12950-11	S-14A	47		
410-12950-12	S-14B	42		
410-12950-13	S-15A	41		
LCS 410-43297/2-B	Lab Control Sample	74		
LCSD 410-43297/3-B	Lab Control Sample Dup	88		
MB 410-43297/1-B	Method Blank	40		

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 537 IDA - EPA 537 Isotope Dilution

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C5PHA (11-138)	C4PFHA (15-139)	C8PFOA (21-133)	C9PFNA (15-145)	C6PFDA (21-134)	13C7PUA (15-138)	PFDODA (28-126)	PFTDA (10-138)
410-12950-3	S-10A	75	75	83	82	86	79	81	76
410-12950-4	S-10B	74	75	82	83	85	87	85	84
410-12950-7	S-12A	87	85	91	99	91	102	98	92
410-12950-8	S-12B	86	80	88	92	91	90	91	94
410-12950-13	S-15A	85	84	84	97	88	90	89	87
410-12950-14	S-15B	89	83	89	91	91	101	92	96
LCS 410-41568/2-B	Lab Control Sample	85	84	88	86	88	88	85	90
LCSD 410-41568/3-B	Lab Control Sample Dup	98	92	99	95	100	99	99	98
MB 410-41568/1-B	Method Blank	91	87	94	96	97	97	97	96
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFBS (23-130)	C3PFHS (24-136)	C8PFOS (31-130)					
410-12950-3	S-10A	97	92	94					
410-12950-4	S-10B	99	96	96					
410-12950-7	S-12A	92	92	97					
410-12950-8	S-12B	95	93	99					
410-12950-13	S-15A	95	87	96					
410-12950-14	S-15B	92	89	92					
LCS 410-41568/2-B	Lab Control Sample	86	85	90					
LCSD 410-41568/3-B	Lab Control Sample Dup	100	96	100					
MB 410-41568/1-B	Method Blank	94	86	91					
Surrogate Legend									
13C5PHA = 13C5 PFHxA									
C4PFHA = 13C4 PFHpA									
C8PFOA = 13C8 PFOA									
C9PFNA = 13C9 PFNA									
C6PFDA = 13C6 PFDA									
13C7PUA = 13C7 PFUnA									
PFDODA = 13C2-PFDODA									
PFTDA = 13C2 PFTeDA									
C3PFBS = 13C3 PFBS									
C3PFHS = 13C3 PFHxS									
C8PFOS = 13C8 PFOS									

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
410-12950-15	FB-1	80	87	85	87	81	76	88	84
410-12950-16	RB-1	101	109	108	109	110	100	111	95
LCS 410-41754/2-A	Lab Control Sample	87	96	88	86	85	79	92	88
LCSD 410-41754/3-A	Lab Control Sample Dup	92	99	97	95	97	91	97	91
MB 410-41754/1-A	Method Blank	78	91	83	85	82	76	84	78
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)					
410-12950-15	FB-1	92	78	79					

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Isotope Dilution Summary

Client: Urban Engineers, Inc.

Job ID: 410-12950-1

Project/Site: TTN Site NJ

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)
410-12950-16	RB-1	99	99	105
LCS 410-41754/2-A	Lab Control Sample	86	81	87
LCSD 410-41754/3-A	Lab Control Sample Dup	92	92	91
MB 410-41754/1-A	Method Blank	82	77	83
Surrogate Legend				
C6PFDA = 13C6 PFDA				
PFDoDA = 13C2-PFDoDA				
C4PFHA = 13C4 PFHpA				
C3PFHS = 13C3 PFHxS				
13C5PHA = 13C5 PFHxA				
C9PFNA = 13C9 PFNA				
C8PFOA = 13C8 PFOA				
PFTDA = 13C2 PFTeDA				
13C7PUA = 13C7 PFUnA				
C3PFBS = 13C3 PFBS				
C8PFOS = 13C8 PFOS				

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-42478/7

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/10/20 11:34	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/10/20 11:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
2-Butanone	ND		10	2.0	ug/Kg			09/10/20 11:34	1
2-Hexanone	ND		10	1.0	ug/Kg			09/10/20 11:34	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/10/20 11:34	1
Acetone	ND		20	6.0	ug/Kg			09/10/20 11:34	1
Benzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Bromoform	ND		10	5.0	ug/Kg			09/10/20 11:34	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/10/20 11:34	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
Chloroform	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Freon 113	ND		10	0.60	ug/Kg			09/10/20 11:34	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/10/20 11:34	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Styrene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Toluene	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-42478/7

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/10/20 11:34	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/10/20 11:34	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/10/20 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		09/10/20 11:34	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/10/20 11:34	1
Dibromofluoromethane (Surr)	110		70 - 130		09/10/20 11:34	1
Toluene-d8 (Surr)	102		70 - 130		09/10/20 11:34	1

Lab Sample ID: LCS 410-42478/4

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.7		ug/Kg		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/Kg		99	70 - 130
1,1,2-Trichloroethane	20.0	21.5		ug/Kg		107	70 - 130
1,1-Dichloroethane	20.0	21.3		ug/Kg		107	70 - 130
1,1-Dichloroethene	20.0	20.9		ug/Kg		105	70 - 130
1,2,3-Trichlorobenzene	20.0	18.1		ug/Kg		91	70 - 130
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/Kg		92	60 - 140
1,2-Dibromoethane	20.0	19.4		ug/Kg		97	70 - 130
1,2-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130
1,2-Dichloroethane	20.0	22.7		ug/Kg		113	70 - 130
1,2-Dichloropropane	20.0	22.0		ug/Kg		110	70 - 130
1,3-Dichlorobenzene	20.0	20.9		ug/Kg		105	70 - 130
1,4-Dichlorobenzene	20.0	21.4		ug/Kg		107	70 - 130
2-Butanone	150	113		ug/Kg		76	60 - 140
2-Hexanone	100	95.6		ug/Kg		96	60 - 140
4-Methyl-2-pentanone	100	90.3		ug/Kg		90	60 - 140
Acetone	150	205		ug/Kg		137	60 - 140
Benzene	20.0	20.6		ug/Kg		103	70 - 130
Bromochloromethane	20.0	20.2		ug/Kg		101	70 - 130
Bromodichloromethane	20.0	21.0		ug/Kg		105	70 - 130
Bromoform	20.0	19.5		ug/Kg		98	70 - 130
Bromomethane	20.0	24.5		ug/Kg		123	60 - 140
Carbon disulfide	20.0	23.1		ug/Kg		115	60 - 140
Carbon tetrachloride	20.0	21.4		ug/Kg		107	70 - 130
Chlorobenzene	20.0	21.6		ug/Kg		108	70 - 130
Chloroethane	20.0	24.8		ug/Kg		124	60 - 140
Chloroform	20.0	21.8		ug/Kg		109	70 - 130
Chloromethane	20.0	23.7		ug/Kg		119	60 - 140

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-42478/4

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	70 - 130
cis-1,3-Dichloropropene	20.0	17.7		ug/Kg		89	70 - 130
Cyclohexane	20.0	17.3		ug/Kg		87	70 - 130
Dibromochloromethane	20.0	20.9		ug/Kg		105	70 - 130
Dichlorodifluoromethane	20.0	17.6		ug/Kg		88	60 - 140
Ethylbenzene	20.0	20.0		ug/Kg		100	70 - 130
Freon 113	20.0	19.3		ug/Kg		96	70 - 130
Isopropylbenzene	20.0	20.2		ug/Kg		101	70 - 130
m&p-Xylene	40.0	43.2		ug/Kg		108	70 - 130
Methyl acetate	20.0	19.9		ug/Kg		99	70 - 130
Methyl tertiary butyl ether	20.0	16.7		ug/Kg		84	70 - 130
Methylcyclohexane	20.0	17.0		ug/Kg		85	70 - 130
Methylene Chloride	20.0	21.1		ug/Kg		105	70 - 130
o-Xylene	20.0	20.0		ug/Kg		100	70 - 130
Styrene	20.0	20.9		ug/Kg		104	70 - 130
Tetrachloroethene	20.0	20.8		ug/Kg		104	70 - 130
Toluene	20.0	20.6		ug/Kg		103	70 - 130
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	70 - 130
trans-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	70 - 130
Trichloroethene	20.0	20.2		ug/Kg		101	70 - 130
Trichlorofluoromethane	20.0	25.8		ug/Kg		129	60 - 140
Vinyl chloride	20.0	22.9		ug/Kg		114	70 - 130
Xylenes, Total	60.0	63.2		ug/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Lab Sample ID: LCSD 410-42478/5

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.5		ug/Kg		103	70 - 130	1	30
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/Kg		98	70 - 130	1	30
1,1,2-Trichloroethane	20.0	21.9		ug/Kg		110	70 - 130	2	30
1,1-Dichloroethane	20.0	21.7		ug/Kg		109	70 - 130	2	30
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	18.1		ug/Kg		90	70 - 130	0	30
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	18.2		ug/Kg		91	60 - 140	1	30
1,2-Dibromoethane	20.0	19.7		ug/Kg		98	70 - 130	2	30
1,2-Dichlorobenzene	20.0	21.1		ug/Kg		106	70 - 130	0	30
1,2-Dichloroethane	20.0	21.9		ug/Kg		110	70 - 130	3	30
1,2-Dichloropropane	20.0	22.1		ug/Kg		110	70 - 130	1	30
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130	1	30

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-42478/5

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	21.0		ug/Kg		105	70 - 130	2	30
2-Butanone	150	113		ug/Kg		76	60 - 140	0	30
2-Hexanone	100	95.1		ug/Kg		95	60 - 140	0	30
4-Methyl-2-pentanone	100	90.8		ug/Kg		91	60 - 140	1	30
Acetone	150	189		ug/Kg		126	60 - 140	8	30
Benzene	20.0	20.8		ug/Kg		104	70 - 130	1	30
Bromochloromethane	20.0	20.6		ug/Kg		103	70 - 130	2	30
Bromodichloromethane	20.0	21.3		ug/Kg		106	70 - 130	1	30
Bromoform	20.0	19.8		ug/Kg		99	70 - 130	2	30
Bromomethane	20.0	24.3		ug/Kg		122	60 - 140	1	30
Carbon disulfide	20.0	23.3		ug/Kg		117	60 - 140	1	30
Carbon tetrachloride	20.0	20.9		ug/Kg		105	70 - 130	2	30
Chlorobenzene	20.0	21.4		ug/Kg		107	70 - 130	1	30
Chloroethane	20.0	25.0		ug/Kg		125	60 - 140	1	30
Chloroform	20.0	22.0		ug/Kg		110	70 - 130	1	30
Chloromethane	20.0	23.0		ug/Kg		115	60 - 140	3	30
cis-1,2-Dichloroethene	20.0	19.9		ug/Kg		99	70 - 130	1	30
cis-1,3-Dichloropropene	20.0	18.3		ug/Kg		92	70 - 130	3	30
Cyclohexane	20.0	17.7		ug/Kg		88	70 - 130	2	30
Dibromochloromethane	20.0	21.0		ug/Kg		105	70 - 130	0	30
Dichlorodifluoromethane	20.0	17.4		ug/Kg		87	60 - 140	1	30
Ethylbenzene	20.0	20.1		ug/Kg		100	70 - 130	0	30
Freon 113	20.0	19.0		ug/Kg		95	70 - 130	1	30
Isopropylbenzene	20.0	20.4		ug/Kg		102	70 - 130	1	30
m&p-Xylene	40.0	43.8		ug/Kg		109	70 - 130	1	30
Methyl acetate	20.0	19.7		ug/Kg		99	70 - 130	1	30
Methyl tertiary butyl ether	20.0	17.0		ug/Kg		85	70 - 130	2	30
Methylcyclohexane	20.0	17.1		ug/Kg		85	70 - 130	1	30
Methylene Chloride	20.0	21.6		ug/Kg		108	70 - 130	2	30
o-Xylene	20.0	20.5		ug/Kg		103	70 - 130	2	30
Styrene	20.0	21.2		ug/Kg		106	70 - 130	1	30
Tetrachloroethene	20.0	20.7		ug/Kg		103	70 - 130	1	30
Toluene	20.0	21.0		ug/Kg		105	70 - 130	2	30
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	70 - 130	0	30
trans-1,3-Dichloropropene	20.0	20.1		ug/Kg		100	70 - 130	4	30
Trichloroethene	20.0	20.2		ug/Kg		101	70 - 130	0	30
Trichlorofluoromethane	20.0	25.6		ug/Kg		128	60 - 140	1	30
Vinyl chloride	20.0	22.8		ug/Kg		114	70 - 130	0	30
Xylenes, Total	60.0	64.3		ug/Kg		107	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
Toluene-d8 (Surr)	106		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-43084/1-A

Matrix: Solid

Analysis Batch: 43302

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
1,4-Dioxane	ND		330	100	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Chlorophenol	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Methylphenol	ND		67	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Nitroaniline	ND		50	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
2-Nitrophenol	ND		57	27	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
3-Nitroaniline	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Chloroaniline	ND		170	33	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Methylphenol	ND		50	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Nitroaniline	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
4-Nitrophenol	ND		500	170	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Acenaphthene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Acetophenone	ND		50	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Anthracene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Atrazine	ND		430	200	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzaldehyde	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Caprolactam	ND		170	33	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Carbazole	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Chrysene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43084/1-A

Matrix: Solid

Analysis Batch: 43302

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Dibenzofuran	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Diethyl phthalate	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Fluoranthene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Fluorene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Hexachloroethane	ND		170	33	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Isophorone	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Naphthalene	ND		17	6.7	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Nitrobenzene	ND		67	27	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Pentachlorophenol	ND		170	67	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Phenanthrene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Phenol	ND		37	17	ug/Kg		09/11/20 18:30	09/13/20 20:30	1
Pyrene	ND		17	3.3	ug/Kg		09/11/20 18:30	09/13/20 20:30	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	228	T J	ug/Kg		3.88		09/11/20 18:30	09/13/20 20:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		30 - 130	09/11/20 18:30	09/13/20 20:30	1
2-Fluorophenol (Surr)	78		30 - 130	09/11/20 18:30	09/13/20 20:30	1
p-Terphenyl-d14 (Surr)	89		30 - 130	09/11/20 18:30	09/13/20 20:30	1
Phenol-d5 (Surr)	78		30 - 130	09/11/20 18:30	09/13/20 20:30	1
Nitrobenzene-d5 (Surr)	71		30 - 130	09/11/20 18:30	09/13/20 20:30	1
2-Fluorobiphenyl (Surr)	81		30 - 130	09/11/20 18:30	09/13/20 20:30	1

Lab Sample ID: LCS 410-43084/2-A

Matrix: Solid

Analysis Batch: 43302

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1400		ug/Kg		84	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1410		ug/Kg		85	70 - 130
1,4-Dioxane	1670	613		ug/Kg		37	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1060	*	ug/Kg		63	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1570		ug/Kg		94	70 - 130
2,4,5-Trichlorophenol	1670	1500		ug/Kg		89	20 - 160
2,4,6-Trichlorophenol	1670	1540		ug/Kg		92	20 - 160
2,4-Dichlorophenol	1670	1560		ug/Kg		94	70 - 130
2,4-Dimethylphenol	1670	1130	*	ug/Kg		68	70 - 130
2,4-Dinitrophenol	3340	2620		ug/Kg		78	20 - 160
2,4-Dinitrotoluene	1680	1550		ug/Kg		93	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43084/2-A

Matrix: Solid

Analysis Batch: 43302

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	1680	1480		ug/Kg		88	70 - 130
2-Chloronaphthalene	1670	1360		ug/Kg		81	70 - 130
2-Chlorophenol	1670	1350		ug/Kg		81	70 - 130
2-Methylnaphthalene	1670	1390		ug/Kg		83	70 - 130
2-Methylphenol	1670	1280		ug/Kg		76	70 - 130
2-Nitroaniline	1670	1520		ug/Kg		91	20 - 160
2-Nitrophenol	1670	1340		ug/Kg		80	70 - 130
3,3'-Dichlorobenzidine	1670	1240		ug/Kg		74	70 - 130
3-Nitroaniline	1670	1430		ug/Kg		86	20 - 160
4,6-Dinitro-2-methylphenol	1670	1610		ug/Kg		97	20 - 160
4-Bromophenyl-phenylether	1680	1520		ug/Kg		91	70 - 130
4-Chloro-3-methylphenol	1670	1380		ug/Kg		83	20 - 160
4-Chlorophenyl-phenyl ether	1670	1430		ug/Kg		85	70 - 130
4-Chloroaniline	1670	1100		ug/Kg		66	20 - 160
4-Methylphenol	1670	1320		ug/Kg		79	70 - 130
4-Nitroaniline	1670	1280		ug/Kg		77	20 - 160
4-Nitrophenol	1670	1380		ug/Kg		83	20 - 160
Acenaphthylene	1670	1450		ug/Kg		86	70 - 130
Acenaphthene	1670	1320		ug/Kg		79	70 - 130
Acetophenone	1670	1300		ug/Kg		78	70 - 130
Anthracene	1670	1660		ug/Kg		100	70 - 130
Atrazine	1680	1730		ug/Kg		103	70 - 130
Benzaldehyde	1680	714	*	ug/Kg		42	70 - 130
Benzo[a]anthracene	1670	1650		ug/Kg		99	70 - 130
Benzo[a]pyrene	1670	1660		ug/Kg		99	70 - 130
Benzo[b]fluoranthene	1670	1780		ug/Kg		106	70 - 130
Benzo[g,h,i]perylene	1670	1690		ug/Kg		101	70 - 130
Benzo[k]fluoranthene	1670	1640		ug/Kg		98	70 - 130
Bis(2-chloroethoxy)methane	1680	1260		ug/Kg		75	70 - 130
Bis(2-chloroethyl)ether	1680	1130	*	ug/Kg		67	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1450		ug/Kg		86	70 - 130
Butylbenzylphthalate	1670	1460		ug/Kg		87	70 - 130
Caprolactam	1680	1450		ug/Kg		86	70 - 130
Carbazole	1670	1660		ug/Kg		100	70 - 130
Chrysene	1670	1580		ug/Kg		95	70 - 130
Di-n-butyl phthalate	1670	1490		ug/Kg		89	70 - 130
Di-n-octyl phthalate	1670	1540		ug/Kg		92	70 - 130
Dibenz(a,h)anthracene	1670	1800		ug/Kg		108	70 - 130
Dibenzofuran	1670	1410		ug/Kg		85	70 - 130
Dimethyl phthalate	1670	1520		ug/Kg		91	70 - 130
Diethyl phthalate	1670	1410		ug/Kg		84	70 - 130
Fluoranthene	1670	1540		ug/Kg		92	70 - 130
Fluorene	1670	1450		ug/Kg		87	70 - 130
Hexachlorobenzene	1670	1690		ug/Kg		101	70 - 130
Hexachlorobutadiene	1680	1420		ug/Kg		85	70 - 130
Hexachlorocyclopentadiene	3350	2420		ug/Kg		72	20 - 160
Hexachloroethane	1680	1120	*	ug/Kg		67	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1770		ug/Kg		105	70 - 130
Isophorone	1670	1250		ug/Kg		75	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43084/2-A

Matrix: Solid

Analysis Batch: 43302

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	1670	1160		ug/Kg		70	70 - 130
N-Nitrosodiphenylamine	1670	1550		ug/Kg		93	70 - 130
Naphthalene	1680	1380		ug/Kg		82	70 - 130
Nitrobenzene	1670	1210		ug/Kg		73	70 - 130
Pentachlorophenol	1680	1700		ug/Kg		101	20 - 160
Phenanthrene	1670	1660		ug/Kg		99	70 - 130
Phenol	1670	1320		ug/Kg		79	20 - 160
Pyrene	1680	1490		ug/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		30 - 130
2-Fluorophenol (Surr)	73		30 - 130
p-Terphenyl-d14 (Surr)	80		30 - 130
Phenol-d5 (Surr)	73		30 - 130
Nitrobenzene-d5 (Surr)	69		30 - 130
2-Fluorobiphenyl (Surr)	74		30 - 130

Lab Sample ID: MB 410-43401/1-A

Matrix: Solid

Analysis Batch: 43727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
1,4-Dioxane	ND		330	100	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Chlorophenol	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Methylphenol	ND		67	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Nitroaniline	ND		50	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
2-Nitrophenol	ND		57	27	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
3-Nitroaniline	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Chloroaniline	ND		170	33	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Methylphenol	ND		50	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43401/1-A

Matrix: Solid

Analysis Batch: 43727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
4-Nitrophenol	ND		500	170	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Acenaphthene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Acetophenone	ND		50	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Anthracene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Atrazine	ND		430	200	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzaldehyde	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Caprolactam	ND		170	33	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Carbazole	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Chrysene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Dibenzofuran	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Diethyl phthalate	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Fluoranthene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Fluorene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Hexachloroethane	ND		170	33	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Isophorone	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Naphthalene	ND		17	6.7	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Nitrobenzene	ND		67	27	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Pentachlorophenol	ND		170	67	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Phenanthrene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Phenol	ND		37	17	ug/Kg		09/14/20 09:45	09/14/20 23:51	1
Pyrene	ND		17	3.3	ug/Kg		09/14/20 09:45	09/14/20 23:51	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				09/14/20 09:45	09/14/20 23:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		30 - 130	09/14/20 09:45	09/14/20 23:51	1

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43401/1-A

Matrix: Solid

Analysis Batch: 43727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43401

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		30 - 130	09/14/20 09:45	09/14/20 23:51	1
p-Terphenyl-d14 (Surr)	74		30 - 130	09/14/20 09:45	09/14/20 23:51	1
Phenol-d5 (Surr)	68		30 - 130	09/14/20 09:45	09/14/20 23:51	1
Nitrobenzene-d5 (Surr)	63		30 - 130	09/14/20 09:45	09/14/20 23:51	1
2-Fluorobiphenyl (Surr)	69		30 - 130	09/14/20 09:45	09/14/20 23:51	1

Lab Sample ID: LCS 410-43401/2-A

Matrix: Solid

Analysis Batch: 43727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1280		ug/Kg		76	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1260		ug/Kg		76	70 - 130
1,4-Dioxane	1670	777		ug/Kg		47	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1040	*	ug/Kg		62	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1300		ug/Kg		78	70 - 130
2,4,5-Trichlorophenol	1670	1290		ug/Kg		77	20 - 160
2,4,6-Trichlorophenol	1670	1360		ug/Kg		81	20 - 160
2,4-Dichlorophenol	1670	1420		ug/Kg		85	70 - 130
2,4-Dimethylphenol	1670	1040	*	ug/Kg		63	70 - 130
2,4-Dinitrophenol	3340	2300		ug/Kg		69	20 - 160
2,4-Dinitrotoluene	1680	1330		ug/Kg		79	70 - 130
2,6-Dinitrotoluene	1680	1280		ug/Kg		76	70 - 130
2-Chloronaphthalene	1670	1190		ug/Kg		71	70 - 130
2-Chlorophenol	1670	1240		ug/Kg		74	70 - 130
2-Methylnaphthalene	1670	1290		ug/Kg		77	70 - 130
2-Methylphenol	1670	1240		ug/Kg		74	70 - 130
2-Nitroaniline	1670	1340		ug/Kg		80	20 - 160
2-Nitrophenol	1670	1220		ug/Kg		73	70 - 130
3,3'-Dichlorobenzidine	1670	1020	*	ug/Kg		61	70 - 130
3-Nitroaniline	1670	1270		ug/Kg		76	20 - 160
4,6-Dinitro-2-methylphenol	1670	1420		ug/Kg		85	20 - 160
4-Bromophenyl-phenylether	1680	1360		ug/Kg		81	70 - 130
4-Chloro-3-methylphenol	1670	1250		ug/Kg		75	20 - 160
4-Chlorophenyl-phenyl ether	1670	1240		ug/Kg		74	70 - 130
4-Chloroaniline	1670	975		ug/Kg		58	20 - 160
4-Methylphenol	1670	1250		ug/Kg		75	70 - 130
4-Nitroaniline	1670	1040		ug/Kg		62	20 - 160
4-Nitrophenol	1670	1210		ug/Kg		72	20 - 160
Acenaphthylene	1670	1270		ug/Kg		76	70 - 130
Acenaphthene	1670	1170		ug/Kg		70	70 - 130
Acetophenone	1670	1230		ug/Kg		74	70 - 130
Anthracene	1670	1500		ug/Kg		90	70 - 130
Atrazine	1680	1630		ug/Kg		97	70 - 130
Benzaldehyde	1680	801	*	ug/Kg		48	70 - 130
Benzo[a]anthracene	1670	1420		ug/Kg		85	70 - 130
Benzo[a]pyrene	1670	1420		ug/Kg		85	70 - 130
Benzo[b]fluoranthene	1670	1440		ug/Kg		86	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43401/2-A

Matrix: Solid

Analysis Batch: 43727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[g,h,i]perylene	1670	1440		ug/Kg		86	70 - 130
Benzo[k]fluoranthene	1670	1450		ug/Kg		87	70 - 130
Bis(2-chloroethoxy)methane	1680	1150	*	ug/Kg		69	70 - 130
Bis(2-chloroethyl)ether	1680	1100	*	ug/Kg		66	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1250		ug/Kg		75	70 - 130
Butylbenzylphthalate	1670	1290		ug/Kg		77	70 - 130
Caprolactam	1680	1350		ug/Kg		80	70 - 130
Carbazole	1670	1430		ug/Kg		86	70 - 130
Chrysene	1670	1390		ug/Kg		83	70 - 130
Di-n-butyl phthalate	1670	1360		ug/Kg		81	70 - 130
Di-n-octyl phthalate	1670	1340		ug/Kg		80	70 - 130
Dibenz(a,h)anthracene	1670	1510		ug/Kg		90	70 - 130
Dibenzofuran	1670	1270		ug/Kg		76	70 - 130
Dimethyl phthalate	1670	1300		ug/Kg		78	70 - 130
Diethyl phthalate	1670	1220		ug/Kg		73	70 - 130
Fluoranthene	1670	1370		ug/Kg		82	70 - 130
Fluorene	1670	1270		ug/Kg		76	70 - 130
Hexachlorobenzene	1670	1480		ug/Kg		89	70 - 130
Hexachlorobutadiene	1680	1310		ug/Kg		78	70 - 130
Hexachlorocyclopentadiene	3350	2210		ug/Kg		66	20 - 160
Hexachloroethane	1680	1150	*	ug/Kg		68	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1490		ug/Kg		89	70 - 130
Isophorone	1670	1170		ug/Kg		70	70 - 130
N-Nitrosodi-n-propylamine	1670	1150	*	ug/Kg		69	70 - 130
N-Nitrosodiphenylamine	1670	1420		ug/Kg		85	70 - 130
Naphthalene	1680	1290		ug/Kg		77	70 - 130
Nitrobenzene	1670	1150	*	ug/Kg		69	70 - 130
Pentachlorophenol	1680	1530		ug/Kg		91	20 - 160
Phenanthrene	1670	1460		ug/Kg		88	70 - 130
Phenol	1670	1240		ug/Kg		74	20 - 160
Pyrene	1680	1270		ug/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	70		30 - 130
2-Fluorophenol (Surr)	71		30 - 130
p-Terphenyl-d14 (Surr)	73		30 - 130
Phenol-d5 (Surr)	72		30 - 130
Nitrobenzene-d5 (Surr)	67		30 - 130
2-Fluorobiphenyl (Surr)	70		30 - 130

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 410-42844/1-A

Matrix: Solid

Analysis Batch: 43800

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.83	0.17	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
alpha-BHC (1C)	ND		0.83	0.17	ug/Kg		09/11/20 09:45	09/15/20 10:00	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 410-42844/1-A

Matrix: Solid

Analysis Batch: 43800

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane (1C)	ND		0.83	0.17	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
beta-BHC (1C)	ND		1.0	0.44	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
delta-BHC (1C)	ND		1.0	0.45	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Dieldrin (1C)	ND		1.7	0.33	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endosulfan I (1C)	ND		0.83	0.22	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endosulfan II (1C)	ND		2.3	1.1	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endosulfan sulfate (1C)	ND		1.7	0.33	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endrin (1C)	ND		1.7	0.68	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endrin aldehyde (1C)	ND		1.7	0.33	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Endrin ketone (1C)	ND		2.0	0.60	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
gamma-BHC (Lindane) (1C)	ND		0.83	0.21	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
gamma-Chlordane (1C)	ND		0.83	0.25	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Heptachlor (1C)	ND		0.83	0.31	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Heptachlor epoxide (1C)	ND		0.83	0.17	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Methoxychlor (1C)	ND		6.7	1.8	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
Toxaphene (1C)	ND		33	14	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
p,p'-DDD (2C)	ND		1.7	0.33	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
p,p'-DDE (1C)	ND		1.7	0.33	ug/Kg		09/11/20 09:45	09/15/20 10:00	1
p,p'-DDT (1C)	ND		1.7	0.79	ug/Kg		09/11/20 09:45	09/15/20 10:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	96		30 - 150	09/11/20 09:45	09/15/20 10:00	1
DCB Decachlorobiphenyl (Surr) (2C)	98		30 - 150	09/11/20 09:45	09/15/20 10:00	1
Tetrachloro-m-xylene (Surr) (1C)	54		30 - 150	09/11/20 09:45	09/15/20 10:00	1
Tetrachloro-m-xylene (Surr) (2C)	57		30 - 150	09/11/20 09:45	09/15/20 10:00	1

Lab Sample ID: LCS 410-42844/2-A

Matrix: Solid

Analysis Batch: 43800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin (2C)	3.33	2.73		ug/Kg		82	30 - 140
alpha-BHC (2C)	3.38	2.77		ug/Kg		82	30 - 140
beta-BHC (2C)	3.33	2.80		ug/Kg		84	30 - 140
delta-BHC (1C)	3.38	2.98		ug/Kg		88	30 - 140
Dieldrin (1C)	6.71	5.71		ug/Kg		85	30 - 140
Endosulfan I (2C)	3.38	2.86		ug/Kg		85	30 - 140
Endosulfan II (2C)	6.67	5.50		ug/Kg		83	30 - 140
Endosulfan sulfate (2C)	6.71	5.63		ug/Kg		84	30 - 140
Endrin (1C)	6.71	5.54		ug/Kg		83	30 - 140
Endrin aldehyde (2C)	6.71	4.69		ug/Kg		70	30 - 140
Endrin ketone (2C)	6.71	5.42		ug/Kg		81	30 - 140
gamma-BHC (Lindane) (1C)	3.33	2.80		ug/Kg		84	30 - 140
Heptachlor (2C)	3.38	2.54		ug/Kg		75	30 - 140
Heptachlor epoxide (2C)	3.33	2.78		ug/Kg		83	30 - 140
Methoxychlor (2C)	33.6	29.5		ug/Kg		88	30 - 140
p,p'-DDD (1C)	6.71	6.49		ug/Kg		97	30 - 140
p,p'-DDE (1C)	6.71	6.34		ug/Kg		95	30 - 140

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 410-42844/2-A

Matrix: Solid

Analysis Batch: 43800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
p,p'-DDT (2C)	6.71	6.24		ug/Kg		93	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	92		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	92		30 - 150
Tetrachloro-m-xylene (Surr) (1C)	63		30 - 150
Tetrachloro-m-xylene (Surr) (2C)	66		30 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-42889/1-A

Matrix: Solid

Analysis Batch: 43477

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/11/20 09:45	09/14/20 15:57	1
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/11/20 09:45	09/14/20 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	95		30 - 150	09/11/20 09:45	09/14/20 15:57	1
DCB Decachlorobiphenyl (Surr) (2C)	90		30 - 150	09/11/20 09:45	09/14/20 15:57	1
Tetrachloro-m-xylene (1C)	105		30 - 150	09/11/20 09:45	09/14/20 15:57	1
Tetrachloro-m-xylene (2C)	119		30 - 150	09/11/20 09:45	09/14/20 15:57	1

Lab Sample ID: LCS 410-42889/2-A

Matrix: Solid

Analysis Batch: 43477

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	163		ug/Kg		97	40 - 140
PCB-1260 (1C)	167	171		ug/Kg		102	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	96		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	94		30 - 150
Tetrachloro-m-xylene (1C)	98		30 - 150
Tetrachloro-m-xylene (2C)	111		30 - 150

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 410-44304/1-A

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/16/20 09:15	09/18/20 13:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	119		30 - 150	09/16/20 09:15	09/18/20 13:44	1
DCB Decachlorobiphenyl (Surr) (2C)	115		30 - 150	09/16/20 09:15	09/18/20 13:44	1
Tetrachloro-m-xylene (1C)	106		30 - 150	09/16/20 09:15	09/18/20 13:44	1
Tetrachloro-m-xylene (2C)	106		30 - 150	09/16/20 09:15	09/18/20 13:44	1

Lab Sample ID: LCS 410-44304/2-A

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	163		ug/Kg		98	40 - 140
PCB-1260 (1C)	167	196		ug/Kg		118	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	124		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	118		30 - 150
Tetrachloro-m-xylene (1C)	97		30 - 150
Tetrachloro-m-xylene (2C)	104		30 - 150

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-43298/1-A

Matrix: Solid

Analysis Batch: 43907

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/13/20 11:29	09/15/20 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	90		40 - 140	09/13/20 11:29	09/15/20 11:48	1
o-terphenyl (Surr)	81		40 - 140	09/13/20 11:29	09/15/20 11:48	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 410-43298/2-A

Matrix: Solid

Analysis Batch: 43907

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43298

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total EPH (C9-C40)			145	119		mg/Kg		82	40 - 140		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctadecane (Surr)		80		40 - 140							
o- terphenyl (Surr)		84		40 - 140							

Lab Sample ID: LCSD 410-43298/3-A

Matrix: Solid

Analysis Batch: 43907

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43298

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)			145	127		mg/Kg		88	40 - 140	7	25
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctadecane (Surr)		77		40 - 140							
o- terphenyl (Surr)		84		40 - 140							

Lab Sample ID: 410-12950-1 MS

Matrix: Solid

Analysis Batch: 43907

Client Sample ID: S-9A

Prep Type: Total/NA

Prep Batch: 43298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total EPH (C9-C40)	ND		161	151		mg/Kg	✖	93	40 - 140		
Surrogate		MS %Recovery	MS Qualifier	Limits							
1-Chlorooctadecane (Surr)		77		40 - 140							
o- terphenyl (Surr)		84		40 - 140							

Lab Sample ID: 410-12950-1 MSD

Matrix: Solid

Analysis Batch: 43907

Client Sample ID: S-9A

Prep Type: Total/NA

Prep Batch: 43298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	ND		160	140		mg/Kg	✖	88	40 - 140	8	50
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
1-Chlorooctadecane (Surr)		73		40 - 140							
o- terphenyl (Surr)		78		40 - 140							

Lab Sample ID: MB 410-44577/1-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/16/20 15:58	09/17/20 20:23	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 410-44577/1-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44577

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	93		40 - 140	09/16/20 15:58	09/17/20 20:23	1
o- terphenyl (Surr)	84		40 - 140	09/16/20 15:58	09/17/20 20:23	1

Lab Sample ID: LCS 410-44577/2-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44577

Analyte				Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
				Added	Result	Qualifier				Limits		
Total EPH (C9-C40)				145	130		mg/Kg		90	40 - 140		
Surrogate	LCS		LCS									
	%Recovery	Qualifier	Limits									
1-Chlorooctadecane (Surr)	76		40 - 140									
o- terphenyl (Surr)	85		40 - 140									

Lab Sample ID: LCSD 410-44577/3-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44577

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Total EPH (C9-C40)			145	131		mg/Kg		91	40 - 140	1	25
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctadecane (Surr)	78		40 - 140								
o- terphenyl (Surr)	86		40 - 140								

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-43297/1-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43297

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
C12-C16 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
C16-C21 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
C21-C40 Aliphatics (1C)	3.30	J	10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
C9-C12 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	40		40 - 140				09/13/20 11:23	09/16/20 10:01	1

Lab Sample ID: MB 410-43297/1-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aromatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
C16-C21 Aromatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
C21-C36 Aromatic (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 410-43297/1-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C12 Aromatics (1C)	ND		10	3.0	mg/Kg		09/13/20 11:23	09/16/20 10:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Bromonaphthalene (Surr) (1C)	76		40 - 140				09/13/20 11:23	09/16/20 10:01	1
2-Fluorobiphenyl (Surr) (1C)	80		40 - 140				09/13/20 11:23	09/16/20 10:01	1
o-terphenyl (Surr) (1C)	67		40 - 140				09/13/20 11:23	09/16/20 10:01	1

Lab Sample ID: LCS 410-43297/2-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aliphatics (1C)	8.05	5.78	J	mg/Kg		72	40 - 140
C16-C21 Aliphatics (1C)	12.0	9.02	J	mg/Kg		75	40 - 140
C21-C40 Aliphatics (1C)	40.2	25.6		mg/Kg		64	40 - 140
C9-C12 Aliphatics (1C)	12.1	7.47	J	mg/Kg		62	40 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctadecane (Surr) (1C)	74		40 - 140				

Lab Sample ID: LCS 410-43297/2-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aromatics (1C)	12.0	7.79	J	mg/Kg		65	40 - 140
C16-C21 Aromatics (1C)	20.0	13.6		mg/Kg		68	40 - 140
C21-C36 Aromatic (1C)	32.1	22.1		mg/Kg		69	40 - 140
C10-C12 Aromatics (1C)	8.01	4.64	J	mg/Kg		58	40 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
2-Bromonaphthalene (Surr) (1C)	73		40 - 140				
2-Fluorobiphenyl (Surr) (1C)	76		40 - 140				
o-terphenyl (Surr) (1C)	69		40 - 140				

Lab Sample ID: LCSD 410-43297/3-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C12-C16 Aliphatics (1C)	8.05	6.30	J	mg/Kg		78	40 - 140	9	25
C16-C21 Aliphatics (1C)	12.0	9.43	J	mg/Kg		78	40 - 140	4	25
C21-C40 Aliphatics (1C)	40.2	27.6		mg/Kg		69	40 - 140	8	25
C9-C12 Aliphatics (1C)	12.1	8.26	J	mg/Kg		68	40 - 140	10	25
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctadecane (Surr) (1C)	88		40 - 140						

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-43297/3-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aromatics (1C)	12.0	9.35	J	mg/Kg		78	40 - 140	18	25
C16-C21 Aromatics (1C)	20.0	16.0		mg/Kg		80	40 - 140	16	25
C21-C36 Aromatic (1C)	32.1	25.8		mg/Kg		81	40 - 140	16	25
C10-C12 Aromatics (1C)	8.01	5.70	J	mg/Kg		71	40 - 140	21	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	81		40 - 140
2-Fluorobiphenyl (Surr) (1C)	85		40 - 140
o-terphenyl (Surr) (1C)	77		40 - 140

Lab Sample ID: 410-12950-1 MS

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: S-9A

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aliphatics (1C)	ND		9.00	6.92	J	mg/Kg	✱	77	40 - 140		
C12-C16 Aromatics (1C)	ND		13.4	9.23	J	mg/Kg	✱	69	40 - 140		
C16-C21 Aliphatics (1C)	ND		13.5	10.6	J	mg/Kg	✱	79	40 - 140		
C16-C21 Aromatics (1C)	ND		22.4	16.2		mg/Kg	✱	72	40 - 140		
C21-C36 Aromatic (1C)	ND		35.8	25.7		mg/Kg	✱	72	40 - 140		
C21-C40 Aliphatics (1C)	ND		44.9	31.4		mg/Kg	✱	70	40 - 140		
C10-C12 Aromatics (1C)	ND		8.94	5.40	J	mg/Kg	✱	60	40 - 140		
C9-C12 Aliphatics (1C)	ND		13.5	9.17	J	mg/Kg	✱	68	40 - 140		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	81		40 - 140
2-Bromonaphthalene (Surr) (1C)	73		40 - 140
2-Fluorobiphenyl (Surr) (1C)	75		40 - 140
o-terphenyl (Surr) (1C)	70		40 - 140

Lab Sample ID: 410-12950-1 MSD

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: S-9A

Prep Type: Total/NA

Prep Batch: 43297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aliphatics (1C)	ND		8.91	6.16	J	mg/Kg	✱	69	40 - 140	12	50
C12-C16 Aromatics (1C)	ND		13.3	8.65	J	mg/Kg	✱	65	40 - 140	6	50
C16-C21 Aliphatics (1C)	ND		13.3	9.42	J	mg/Kg	✱	71	40 - 140	12	50
C16-C21 Aromatics (1C)	ND		22.2	15.0		mg/Kg	✱	68	40 - 140	8	50
C21-C36 Aromatic (1C)	ND		35.5	24.1		mg/Kg	✱	68	40 - 140	6	50
C21-C40 Aliphatics (1C)	ND		44.5	29.4		mg/Kg	✱	66	40 - 140	7	50
C10-C12 Aromatics (1C)	ND		8.86	5.22	J	mg/Kg	✱	59	40 - 140	4	50
C9-C12 Aliphatics (1C)	ND		13.3	8.28	J	mg/Kg	✱	62	40 - 140	10	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	74		40 - 140
2-Bromonaphthalene (Surr) (1C)	76		40 - 140

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 410-12950-1 MSD

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: S-9A

Prep Type: Total/NA

Prep Batch: 43297

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140
o- terphenyl (Surr) (1C)	65		40 - 140

Method: 537 IDA - EPA 537 Isotope Dilution

Lab Sample ID: MB 410-41568/1-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41568

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1

	MB	MB							
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	91		11 - 138				09/08/20 08:51	09/08/20 23:16	1
13C4 PFHpA	87		15 - 139				09/08/20 08:51	09/08/20 23:16	1
13C8 PFOA	94		21 - 133				09/08/20 08:51	09/08/20 23:16	1
13C9 PFNA	96		15 - 145				09/08/20 08:51	09/08/20 23:16	1
13C6 PFDA	97		21 - 134				09/08/20 08:51	09/08/20 23:16	1
13C7 PFUnA	97		15 - 138				09/08/20 08:51	09/08/20 23:16	1
13C2-PFDoDA	97		28 - 126				09/08/20 08:51	09/08/20 23:16	1
13C2 PFTeDA	96		10 - 138				09/08/20 08:51	09/08/20 23:16	1
13C3 PFBS	94		23 - 130				09/08/20 08:51	09/08/20 23:16	1
13C3 PFHxS	86		24 - 136				09/08/20 08:51	09/08/20 23:16	1
13C8 PFOS	91		31 - 130				09/08/20 08:51	09/08/20 23:16	1

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike	LCS	LCS					%Rec.	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Perfluorohexanoic acid	25.0	23.7		ng/g		95	61 - 147		
Perfluoroheptanoic acid	25.0	24.5		ng/g		98	61 - 151		
Perfluorooctanoic acid	25.0	22.1		ng/g		88	62 - 144		
Perfluorononanoic acid	25.0	23.9		ng/g		95	62 - 148		
Perfluorodecanoic acid	25.0	24.6		ng/g		99	62 - 142		
Perfluorotridecanoic acid	25.0	27.0		ng/g		108	57 - 152		
Perfluorotetradecanoic acid	25.0	25.5		ng/g		102	60 - 147		
Perfluorobutanesulfonic acid	22.1	21.2		ng/g		96	62 - 137		

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanesulfonic acid	23.6	20.2		ng/g		85	57 - 135
Perfluorooctanesulfonic acid	23.9	19.1		ng/g		80	48 - 134
Perfluoroundecanoic acid	25.0	25.9		ng/g		104	62 - 144
Perfluorododecanoic acid	25.0	25.8		ng/g		103	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	85		11 - 138
13C4 PFHpA	84		15 - 139
13C8 PFOA	88		21 - 133
13C9 PFNA	86		15 - 145
13C6 PFDA	88		21 - 134
13C7 PFUnA	88		15 - 138
13C2-PFDoDA	85		28 - 126
13C2 PFTeDA	90		10 - 138
13C3 PFBS	86		23 - 130
13C3 PFHxS	85		24 - 136
13C8 PFOS	90		31 - 130

Lab Sample ID: LCSD 410-41568/3-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	22.9		ng/g		92	61 - 147	4	30
Perfluoroheptanoic acid	25.0	25.1		ng/g		101	61 - 151	2	30
Perfluorooctanoic acid	25.0	22.5		ng/g		90	62 - 144	2	30
Perfluorononanoic acid	25.0	23.8		ng/g		95	62 - 148	0	30
Perfluorodecanoic acid	25.0	22.7		ng/g		91	62 - 142	8	30
Perfluorotridecanoic acid	25.0	25.9		ng/g		104	57 - 152	4	30
Perfluorotetradecanoic acid	25.0	25.2		ng/g		101	60 - 147	1	30
Perfluorobutanesulfonic acid	22.1	20.1		ng/g		91	62 - 137	5	30
Perfluorohexanesulfonic acid	23.6	20.9		ng/g		89	57 - 135	4	30
Perfluorooctanesulfonic acid	23.9	18.2		ng/g		76	48 - 134	5	30
Perfluoroundecanoic acid	25.0	24.6		ng/g		98	62 - 144	5	30
Perfluorododecanoic acid	25.0	24.6		ng/g		98	60 - 147	5	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	98		11 - 138
13C4 PFHpA	92		15 - 139
13C8 PFOA	99		21 - 133
13C9 PFNA	95		15 - 145
13C6 PFDA	100		21 - 134
13C7 PFUnA	99		15 - 138
13C2-PFDoDA	99		28 - 126
13C2 PFTeDA	98		10 - 138
13C3 PFBS	100		23 - 130
13C3 PFHxS	96		24 - 136
13C8 PFOS	100		31 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Lab Sample ID: MB 410-41754/1-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41754

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	78		45 - 135	09/08/20 17:07	09/10/20 21:07	1
13C2-PFDoDA	91		20 - 148	09/08/20 17:07	09/10/20 21:07	1
13C4 PFHpA	83		34 - 143	09/08/20 17:07	09/10/20 21:07	1
13C3 PFHxS	85		38 - 144	09/08/20 17:07	09/10/20 21:07	1
13C5 PFHxA	82		30 - 143	09/08/20 17:07	09/10/20 21:07	1
13C9 PFNA	76		36 - 151	09/08/20 17:07	09/10/20 21:07	1
13C8 PFOA	84		37 - 141	09/08/20 17:07	09/10/20 21:07	1
13C2 PFTeDA	78		10 - 158	09/08/20 17:07	09/10/20 21:07	1
13C7 PFUnA	82		33 - 148	09/08/20 17:07	09/10/20 21:07	1
13C3 PFBS	77		11 - 191	09/08/20 17:07	09/10/20 21:07	1
13C8 PFOS	83		42 - 136	09/08/20 17:07	09/10/20 21:07	1

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid	22.6	21.8		ng/L		96	70 - 130
Perfluorodecanoic acid	25.6	24.1		ng/L		94	70 - 130
Perfluorododecanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluorohexanesulfonic acid	24.2	20.8		ng/L		86	70 - 130
Perfluorohexanoic acid	25.6	25.5		ng/L		99	70 - 130
Perfluorononanoic acid	25.6	24.0		ng/L		94	70 - 130
Perfluorooctanesulfonic acid	24.5	20.1		ng/L		82	70 - 130
Perfluorooctanoic acid	25.6	22.9		ng/L		89	70 - 130
Perfluorotetradecanoic acid	25.6	26.3		ng/L		103	70 - 130
Perfluorotridecanoic acid	25.6	23.5		ng/L		92	70 - 130
Perfluoroundecanoic acid	25.6	25.4		ng/L		99	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C6 PFDA	87		45 - 135
13C2-PFDoDA	96		20 - 148
13C4 PFHpA	88		34 - 143
13C3 PFHxS	86		38 - 144

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C5 PFHxA	85		30 - 143
13C9 PFNA	79		36 - 151
13C8 PFOA	92		37 - 141
13C2 PFTeDA	88		10 - 158
13C7 PFUnA	86		33 - 148
13C3 PFBS	81		11 - 191
13C8 PFOS	87		42 - 136

Lab Sample ID: LCSD 410-41754/3-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
							Limits		
Perfluorobutanesulfonic acid	22.6	21.4		ng/L		94	70 - 130	2	30
Perfluorodecanoic acid	25.6	23.2		ng/L		90	70 - 130	4	30
Perfluorododecanoic acid	25.6	25.3		ng/L		99	70 - 130	2	30
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130	0	30
Perfluorohexanesulfonic acid	24.2	21.9		ng/L		90	70 - 130	5	30
Perfluorohexanoic acid	25.6	25.1		ng/L		98	70 - 130	1	30
Perfluorononanoic acid	25.6	22.9		ng/L		89	70 - 130	5	30
Perfluorooctanesulfonic acid	24.5	21.2		ng/L		87	70 - 130	5	30
Perfluorooctanoic acid	25.6	24.9		ng/L		97	70 - 130	9	30
Perfluorotetradecanoic acid	25.6	26.7		ng/L		104	70 - 130	2	30
Perfluorotridecanoic acid	25.6	23.4		ng/L		91	70 - 130	0	30
Perfluoroundecanoic acid	25.6	26.2		ng/L		102	70 - 130	3	30

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C6 PFDA	92		45 - 135
13C2-PFDoDA	99		20 - 148
13C4 PFHpA	97		34 - 143
13C3 PFHxS	95		38 - 144
13C5 PFHxA	97		30 - 143
13C9 PFNA	91		36 - 151
13C8 PFOA	97		37 - 141
13C2 PFTeDA	91		10 - 158
13C7 PFUnA	92		33 - 148
13C3 PFBS	92		11 - 191
13C8 PFOS	91		42 - 136

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-41500/1-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41500

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		5.0	1.7	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Aluminum	ND		20	11	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Arsenic	ND		3.0	1.2	mg/Kg		09/08/20 05:30	09/12/20 23:55	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-41500/1-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50	0.15	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Beryllium	ND		0.50	0.10	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Cadmium	ND		0.50	0.10	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Calcium	ND		20	12	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Chromium	ND		1.5	0.18	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Cobalt	ND		0.50	0.15	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Copper	ND		2.0	0.77	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Iron	ND		20	6.2	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Lead	ND		1.5	0.60	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Magnesium	ND		10	4.0	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Manganese	ND		1.0	0.52	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Nickel	ND		1.0	0.26	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Potassium	ND		30	20	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Selenium	ND		5.0	1.5	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Silver	ND		1.0	0.40	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Sodium	ND		100	46	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Thallium	ND		3.0	1.3	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Zinc	ND		2.0	1.0	mg/Kg		09/08/20 05:30	09/12/20 23:55	1
Vanadium	ND		1.0	0.43	mg/Kg		09/08/20 05:30	09/12/20 23:55	1

Lab Sample ID: LCS 410-41500/2-A

Matrix: Solid

Analysis Batch: 42343

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.81	9.50		mg/Kg		97	80 - 120
Aluminum	38.9	37.1		mg/Kg		95	80 - 120
Arsenic	5.83	5.53		mg/Kg		95	80 - 120
Barium	0.971	1.01		mg/Kg		104	80 - 120
Beryllium	0.963	0.910		mg/Kg		94	80 - 120
Cadmium	0.967	0.935		mg/Kg		97	80 - 120
Calcium	38.9	38.7		mg/Kg		99	80 - 120
Chromium	2.91	2.72		mg/Kg		93	80 - 120
Cobalt	0.971	0.907		mg/Kg		93	80 - 120
Copper	3.87	3.97		mg/Kg		103	80 - 120
Iron	39.1	36.2		mg/Kg		93	80 - 120
Lead	2.91	2.77		mg/Kg		95	80 - 120
Magnesium	19.4	19.4		mg/Kg		100	80 - 120
Manganese	1.94	1.92		mg/Kg		99	80 - 120
Nickel	196	195		mg/Kg		100	80 - 120
Potassium	544	524		mg/Kg		96	80 - 120
Silver	1.94	1.99		mg/Kg		103	80 - 120
Sodium	194	191		mg/Kg		98	80 - 120
Zinc	42.7	41.5		mg/Kg		97	80 - 120
Vanadium	1.94	1.76		mg/Kg		91	80 - 120

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-41500/2-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	9.79	9.32		mg/Kg		95	80 - 120
Thallium	5.92	6.28		mg/Kg		106	80 - 120

Lab Sample ID: LCSD 410-41500/3-A

Matrix: Solid

Analysis Batch: 42343

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41500

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	10.0	9.62		mg/Kg		96	80 - 120	1	20
Aluminum	39.7	37.8		mg/Kg		95	80 - 120	2	20
Arsenic	5.94	6.12		mg/Kg		103	80 - 120	10	20
Barium	0.990	0.994		mg/Kg		100	80 - 120	2	20
Beryllium	0.982	0.934		mg/Kg		95	80 - 120	3	20
Cadmium	0.986	0.942		mg/Kg		96	80 - 120	1	20
Calcium	39.6	38.0		mg/Kg		96	80 - 120	2	20
Chromium	2.97	2.80		mg/Kg		94	80 - 120	3	20
Cobalt	0.990	0.985		mg/Kg		100	80 - 120	8	20
Copper	3.94	4.02		mg/Kg		102	80 - 120	1	20
Iron	39.8	39.0		mg/Kg		98	80 - 120	8	20
Lead	2.97	2.99		mg/Kg		101	80 - 120	8	20
Magnesium	19.8	19.4		mg/Kg		98	80 - 120	0	20
Manganese	1.98	1.97		mg/Kg		100	80 - 120	2	20
Nickel	200	198		mg/Kg		99	80 - 120	2	20
Potassium	555	521		mg/Kg		94	80 - 120	1	20
Silver	1.98	1.87		mg/Kg		95	80 - 120	6	20
Sodium	198	189		mg/Kg		96	80 - 120	1	20
Thallium	6.04	6.87		mg/Kg		114	80 - 120	1	20
Zinc	43.5	42.2		mg/Kg		97	80 - 120	2	20
Vanadium	1.98	1.80		mg/Kg		91	80 - 120	2	20

Lab Sample ID: LCSD 410-41500/3-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41500

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	9.98	9.21		mg/Kg		92	80 - 120	1	20

Lab Sample ID: MB 410-41762/1-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.6	1.6	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Aluminum	ND		18	9.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Arsenic	ND		2.8	1.1	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Barium	ND		0.46	0.14	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Beryllium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Cadmium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Calcium	ND		18	11	mg/Kg		09/08/20 17:19	09/12/20 22:35	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-41762/1-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Cobalt	ND		0.46	0.13	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Copper	ND		1.8	0.71	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Iron	ND		18	5.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Lead	ND		1.4	0.55	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Magnesium	ND		9.2	3.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Manganese	ND		0.92	0.48	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Nickel	ND		0.92	0.24	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Selenium	ND		4.6	1.4	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Silver	ND		0.92	0.37	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Sodium	ND		92	42	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Thallium	ND		2.8	1.2	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Zinc	ND		1.8	0.92	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Vanadium	ND		0.92	0.39	mg/Kg		09/08/20 17:19	09/12/20 22:35	1

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 42859

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.88	1.93		mg/Kg		103	80 - 120

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.54	9.88		mg/Kg		104	80 - 120
Aluminum	37.8	39.9		mg/Kg		105	80 - 120
Arsenic	5.66	6.21		mg/Kg		110	80 - 120
Barium	0.943	1.02		mg/Kg		108	80 - 120
Beryllium	0.936	0.951		mg/Kg		102	80 - 120
Cadmium	0.940	0.959		mg/Kg		102	80 - 120
Calcium	37.8	44.2		mg/Kg		117	80 - 120
Chromium	2.83	2.92		mg/Kg		103	80 - 120
Cobalt	0.943	1.00		mg/Kg		106	80 - 120
Copper	3.76	3.90		mg/Kg		104	80 - 120
Iron	38.0	38.9		mg/Kg		102	80 - 120
Lead	2.83	2.81		mg/Kg		99	80 - 120
Magnesium	18.9	19.4		mg/Kg		103	80 - 120
Manganese	1.88	2.01		mg/Kg		107	80 - 120
Nickel	191	200		mg/Kg		105	80 - 120
Potassium	528	527		mg/Kg		100	80 - 120
Selenium	9.51	9.13		mg/Kg		96	80 - 120
Sodium	189	193		mg/Kg		102	80 - 120
Thallium	5.75	6.21		mg/Kg		108	80 - 120
Zinc	41.5	42.0		mg/Kg		101	80 - 120
Vanadium	1.88	1.84		mg/Kg		98	80 - 120

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-41504/1-A

Matrix: Solid

Analysis Batch: 41841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.025	mg/Kg		09/08/20 06:20	09/08/20 17:32	1

Lab Sample ID: LCS 410-41504/2-A

Matrix: Solid

Analysis Batch: 41841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.156	0.171		mg/Kg		109	80 - 120

Lab Sample ID: LCSD 410-41504/3-A

Matrix: Solid

Analysis Batch: 41841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41504

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.164	0.180		mg/Kg		110	80 - 120	5	35

Lab Sample ID: MB 410-42086/1-A

Matrix: Solid

Analysis Batch: 42687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.058	0.024	mg/Kg		09/09/20 11:40	09/10/20 16:33	1

Lab Sample ID: LCS 410-42086/2-A

Matrix: Solid

Analysis Batch: 42687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.156	0.164		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 410-42086/3-A

Matrix: Solid

Analysis Batch: 42687

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42086

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.159	0.166		mg/Kg		105	80 - 120	1	35

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 410-43299/2-A

Matrix: Solid

Analysis Batch: 43567

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		09/13/20 13:31	09/14/20 11:41	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 410-43299/1-A
Matrix: Solid
Analysis Batch: 43567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	10.0	10.4		mg/Kg		104	90 - 110

Lab Sample ID: MB 410-43599/2-A
Matrix: Solid
Analysis Batch: 43768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.0	0.36	mg/Kg		09/14/20 12:32	09/14/20 22:51	1

Lab Sample ID: LCS 410-43599/1-A
Matrix: Solid
Analysis Batch: 43768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	10.0	9.62		mg/Kg		96	90 - 110

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC/MS VOA

Prep Batch: 41255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	5035	
410-12950-2	S-9B	Total/NA	Solid	5035	
410-12950-3	S-10A	Total/NA	Solid	5035	
410-12950-4	S-10B	Total/NA	Solid	5035	
410-12950-5	S-11A	Total/NA	Solid	5035	
410-12950-6	S-11B	Total/NA	Solid	5035	
410-12950-7	S-12A	Total/NA	Solid	5035	
410-12950-8	S-12B	Total/NA	Solid	5035	
410-12950-9	S-13A	Total/NA	Solid	5035	
410-12950-10	S-13B	Total/NA	Solid	5035	
410-12950-11	S-14A	Total/NA	Solid	5035	
410-12950-12	S-14B	Total/NA	Solid	5035	
410-12950-13	S-15A	Total/NA	Solid	5035	
410-12950-14	S-15B	Total/NA	Solid	5035	

Analysis Batch: 42478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	8260C	41255
410-12950-2	S-9B	Total/NA	Solid	8260C	41255
410-12950-3	S-10A	Total/NA	Solid	8260C	41255
410-12950-4	S-10B	Total/NA	Solid	8260C	41255
410-12950-5	S-11A	Total/NA	Solid	8260C	41255
410-12950-6	S-11B	Total/NA	Solid	8260C	41255
410-12950-7	S-12A	Total/NA	Solid	8260C	41255
410-12950-8	S-12B	Total/NA	Solid	8260C	41255
410-12950-9	S-13A	Total/NA	Solid	8260C	41255
410-12950-10	S-13B	Total/NA	Solid	8260C	41255
410-12950-11	S-14A	Total/NA	Solid	8260C	41255
410-12950-12	S-14B	Total/NA	Solid	8260C	41255
410-12950-13	S-15A	Total/NA	Solid	8260C	41255
410-12950-14	S-15B	Total/NA	Solid	8260C	41255
MB 410-42478/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-42478/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-42478/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

GC/MS Semi VOA

Prep Batch: 43084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3546	
410-12950-2	S-9B	Total/NA	Solid	3546	
MB 410-43084/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43084/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 43302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-43084/1-A	Method Blank	Total/NA	Solid	8270D	43084
LCS 410-43084/2-A	Lab Control Sample	Total/NA	Solid	8270D	43084

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC/MS Semi VOA

Analysis Batch: 43398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	8270D	43084
410-12950-2	S-9B	Total/NA	Solid	8270D	43084

Prep Batch: 43401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	3546	
410-12950-4	S-10B	Total/NA	Solid	3546	
410-12950-5	S-11A	Total/NA	Solid	3546	
410-12950-6	S-11B	Total/NA	Solid	3546	
410-12950-7	S-12A	Total/NA	Solid	3546	
410-12950-8	S-12B	Total/NA	Solid	3546	
410-12950-9	S-13A	Total/NA	Solid	3546	
410-12950-10	S-13B	Total/NA	Solid	3546	
410-12950-11	S-14A	Total/NA	Solid	3546	
410-12950-12	S-14B	Total/NA	Solid	3546	
410-12950-13	S-15A	Total/NA	Solid	3546	
410-12950-14	S-15B	Total/NA	Solid	3546	
MB 410-43401/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43401/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 43727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	8270D	43401
410-12950-4	S-10B	Total/NA	Solid	8270D	43401
410-12950-5	S-11A	Total/NA	Solid	8270D	43401
410-12950-6	S-11B	Total/NA	Solid	8270D	43401
410-12950-7	S-12A	Total/NA	Solid	8270D	43401
410-12950-8	S-12B	Total/NA	Solid	8270D	43401
410-12950-9	S-13A	Total/NA	Solid	8270D	43401
410-12950-10	S-13B	Total/NA	Solid	8270D	43401
410-12950-11	S-14A	Total/NA	Solid	8270D	43401
410-12950-12	S-14B	Total/NA	Solid	8270D	43401
410-12950-13	S-15A	Total/NA	Solid	8270D	43401
410-12950-14	S-15B	Total/NA	Solid	8270D	43401
MB 410-43401/1-A	Method Blank	Total/NA	Solid	8270D	43401
LCS 410-43401/2-A	Lab Control Sample	Total/NA	Solid	8270D	43401

GC Semi VOA

Prep Batch: 42844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3546	
410-12950-2	S-9B	Total/NA	Solid	3546	
410-12950-3	S-10A	Total/NA	Solid	3546	
410-12950-4	S-10B	Total/NA	Solid	3546	
410-12950-5	S-11A	Total/NA	Solid	3546	
410-12950-6	S-11B	Total/NA	Solid	3546	
410-12950-7	S-12A	Total/NA	Solid	3546	
410-12950-8	S-12B	Total/NA	Solid	3546	
410-12950-9	S-13A	Total/NA	Solid	3546	
410-12950-10	S-13B	Total/NA	Solid	3546	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA (Continued)

Prep Batch: 42844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-11	S-14A	Total/NA	Solid	3546	
410-12950-12	S-14B	Total/NA	Solid	3546	
410-12950-13	S-15A	Total/NA	Solid	3546	
410-12950-14	S-15B	Total/NA	Solid	3546	
MB 410-42844/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42844/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 42889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3546	
410-12950-2	S-9B	Total/NA	Solid	3546	
410-12950-4	S-10B	Total/NA	Solid	3546	
410-12950-5	S-11A	Total/NA	Solid	3546	
410-12950-6	S-11B	Total/NA	Solid	3546	
410-12950-7	S-12A	Total/NA	Solid	3546	
410-12950-8	S-12B	Total/NA	Solid	3546	
410-12950-9	S-13A	Total/NA	Solid	3546	
410-12950-10	S-13B	Total/NA	Solid	3546	
410-12950-11	S-14A	Total/NA	Solid	3546	
410-12950-12	S-14B	Total/NA	Solid	3546	
410-12950-13	S-15A	Total/NA	Solid	3546	
410-12950-14	S-15B	Total/NA	Solid	3546	
MB 410-42889/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42889/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 43297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3546	
410-12950-2	S-9B	Total/NA	Solid	3546	
410-12950-3	S-10A	Total/NA	Solid	3546	
410-12950-4	S-10B	Total/NA	Solid	3546	
410-12950-5	S-11A	Total/NA	Solid	3546	
410-12950-6	S-11B	Total/NA	Solid	3546	
410-12950-7	S-12A	Total/NA	Solid	3546	
410-12950-8	S-12B	Total/NA	Solid	3546	
410-12950-9	S-13A	Total/NA	Solid	3546	
410-12950-10	S-13B	Total/NA	Solid	3546	
410-12950-11	S-14A	Total/NA	Solid	3546	
410-12950-12	S-14B	Total/NA	Solid	3546	
410-12950-13	S-15A	Total/NA	Solid	3546	
MB 410-43297/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-43297/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-43297/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-43297/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-43297/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-43297/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-12950-1 MS	S-9A	Total/NA	Solid	3546	
410-12950-1 MSD	S-9A	Total/NA	Solid	3546	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA

Prep Batch: 43298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3546	
410-12950-2	S-9B	Total/NA	Solid	3546	
410-12950-3	S-10A	Total/NA	Solid	3546	
410-12950-4	S-10B	Total/NA	Solid	3546	
410-12950-5	S-11A	Total/NA	Solid	3546	
410-12950-6	S-11B	Total/NA	Solid	3546	
410-12950-7	S-12A	Total/NA	Solid	3546	
410-12950-8	S-12B	Total/NA	Solid	3546	
410-12950-9	S-13A	Total/NA	Solid	3546	
410-12950-10	S-13B	Total/NA	Solid	3546	
410-12950-11	S-14A	Total/NA	Solid	3546	
410-12950-12	S-14B	Total/NA	Solid	3546	
410-12950-13	S-15A	Total/NA	Solid	3546	
MB 410-43298/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43298/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-43298/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-12950-1 MS	S-9A	Total/NA	Solid	3546	
410-12950-1 MSD	S-9A	Total/NA	Solid	3546	

Cleanup Batch: 43414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3630C	43297
410-12950-1	S-9A	Total/NA	Solid	3630C	43297
410-12950-2	S-9B	Total/NA	Solid	3630C	43297
410-12950-2	S-9B	Total/NA	Solid	3630C	43297
410-12950-3	S-10A	Total/NA	Solid	3630C	43297
410-12950-3	S-10A	Total/NA	Solid	3630C	43297
410-12950-4	S-10B	Total/NA	Solid	3630C	43297
410-12950-4	S-10B	Total/NA	Solid	3630C	43297
410-12950-5	S-11A	Total/NA	Solid	3630C	43297
410-12950-5	S-11A	Total/NA	Solid	3630C	43297
410-12950-6	S-11B	Total/NA	Solid	3630C	43297
410-12950-6	S-11B	Total/NA	Solid	3630C	43297
410-12950-7	S-12A	Total/NA	Solid	3630C	43297
410-12950-7	S-12A	Total/NA	Solid	3630C	43297
410-12950-8	S-12B	Total/NA	Solid	3630C	43297
410-12950-8	S-12B	Total/NA	Solid	3630C	43297
410-12950-9	S-13A	Total/NA	Solid	3630C	43297
410-12950-9	S-13A	Total/NA	Solid	3630C	43297
410-12950-10	S-13B	Total/NA	Solid	3630C	43297
410-12950-10	S-13B	Total/NA	Solid	3630C	43297
410-12950-11	S-14A	Total/NA	Solid	3630C	43297
410-12950-11	S-14A	Total/NA	Solid	3630C	43297
410-12950-12	S-14B	Total/NA	Solid	3630C	43297
410-12950-12	S-14B	Total/NA	Solid	3630C	43297
410-12950-13	S-15A	Total/NA	Solid	3630C	43297
410-12950-13	S-15A	Total/NA	Solid	3630C	43297
MB 410-43297/1-B	Method Blank	Total/NA	Solid	3630C	43297
MB 410-43297/1-C	Method Blank	Total/NA	Solid	3630C	43297
LCS 410-43297/2-B	Lab Control Sample	Total/NA	Solid	3630C	43297
LCS 410-43297/2-C	Lab Control Sample	Total/NA	Solid	3630C	43297

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA (Continued)

Cleanup Batch: 43414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-43297/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	43297
LCSD 410-43297/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	43297
410-12950-1 MS	S-9A	Total/NA	Solid	3630C	43297
410-12950-1 MS	S-9A	Total/NA	Solid	3630C	43297
410-12950-1 MSD	S-9A	Total/NA	Solid	3630C	43297
410-12950-1 MSD	S-9A	Total/NA	Solid	3630C	43297

Analysis Batch: 43477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	8082A	42889
410-12950-2	S-9B	Total/NA	Solid	8082A	42889
410-12950-4	S-10B	Total/NA	Solid	8082A	42889
410-12950-5	S-11A	Total/NA	Solid	8082A	42889
410-12950-6	S-11B	Total/NA	Solid	8082A	42889
410-12950-7	S-12A	Total/NA	Solid	8082A	42889
410-12950-8	S-12B	Total/NA	Solid	8082A	42889
410-12950-9	S-13A	Total/NA	Solid	8082A	42889
410-12950-10	S-13B	Total/NA	Solid	8082A	42889
410-12950-11	S-14A	Total/NA	Solid	8082A	42889
410-12950-12	S-14B	Total/NA	Solid	8082A	42889
410-12950-13	S-15A	Total/NA	Solid	8082A	42889
410-12950-14	S-15B	Total/NA	Solid	8082A	42889
MB 410-42889/1-A	Method Blank	Total/NA	Solid	8082A	42889
LCS 410-42889/2-A	Lab Control Sample	Total/NA	Solid	8082A	42889

Analysis Batch: 43800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	8081B	42844
410-12950-2	S-9B	Total/NA	Solid	8081B	42844
410-12950-3	S-10A	Total/NA	Solid	8081B	42844
410-12950-4	S-10B	Total/NA	Solid	8081B	42844
410-12950-5	S-11A	Total/NA	Solid	8081B	42844
410-12950-6	S-11B	Total/NA	Solid	8081B	42844
410-12950-7	S-12A	Total/NA	Solid	8081B	42844
410-12950-8	S-12B	Total/NA	Solid	8081B	42844
410-12950-9	S-13A	Total/NA	Solid	8081B	42844
410-12950-10	S-13B	Total/NA	Solid	8081B	42844
410-12950-11	S-14A	Total/NA	Solid	8081B	42844
410-12950-12	S-14B	Total/NA	Solid	8081B	42844
410-12950-13	S-15A	Total/NA	Solid	8081B	42844
410-12950-14	S-15B	Total/NA	Solid	8081B	42844
MB 410-42844/1-A	Method Blank	Total/NA	Solid	8081B	42844
LCS 410-42844/2-A	Lab Control Sample	Total/NA	Solid	8081B	42844

Analysis Batch: 43907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	NJ EPH	43298
410-12950-2	S-9B	Total/NA	Solid	NJ EPH	43298
410-12950-3	S-10A	Total/NA	Solid	NJ EPH	43298
410-12950-4	S-10B	Total/NA	Solid	NJ EPH	43298
410-12950-5	S-11A	Total/NA	Solid	NJ EPH	43298

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA (Continued)

Analysis Batch: 43907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-6	S-11B	Total/NA	Solid	NJ EPH	43298
410-12950-7	S-12A	Total/NA	Solid	NJ EPH	43298
410-12950-8	S-12B	Total/NA	Solid	NJ EPH	43298
410-12950-9	S-13A	Total/NA	Solid	NJ EPH	43298
410-12950-10	S-13B	Total/NA	Solid	NJ EPH	43298
410-12950-11	S-14A	Total/NA	Solid	NJ EPH	43298
410-12950-12	S-14B	Total/NA	Solid	NJ EPH	43298
410-12950-13	S-15A	Total/NA	Solid	NJ EPH	43298
MB 410-43298/1-A	Method Blank	Total/NA	Solid	NJ EPH	43298
LCS 410-43298/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	43298
LCSD 410-43298/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	43298
410-12950-1 MS	S-9A	Total/NA	Solid	NJ EPH	43298
410-12950-1 MSD	S-9A	Total/NA	Solid	NJ EPH	43298

Analysis Batch: 44197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	NJDEP EPH	43414
410-12950-2	S-9B	Total/NA	Solid	NJDEP EPH	43414
410-12950-3	S-10A	Total/NA	Solid	NJDEP EPH	43414
410-12950-4	S-10B	Total/NA	Solid	NJDEP EPH	43414
410-12950-5	S-11A	Total/NA	Solid	NJDEP EPH	43414
410-12950-6	S-11B	Total/NA	Solid	NJDEP EPH	43414
410-12950-7	S-12A	Total/NA	Solid	NJDEP EPH	43414
410-12950-8	S-12B	Total/NA	Solid	NJDEP EPH	43414
410-12950-9	S-13A	Total/NA	Solid	NJDEP EPH	43414
410-12950-10	S-13B	Total/NA	Solid	NJDEP EPH	43414
410-12950-11	S-14A	Total/NA	Solid	NJDEP EPH	43414
410-12950-12	S-14B	Total/NA	Solid	NJDEP EPH	43414
410-12950-13	S-15A	Total/NA	Solid	NJDEP EPH	43414
MB 410-43297/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	43414
LCS 410-43297/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43414
LCSD 410-43297/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43414
410-12950-1 MS	S-9A	Total/NA	Solid	NJDEP EPH	43414
410-12950-1 MSD	S-9A	Total/NA	Solid	NJDEP EPH	43414

Analysis Batch: 44200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	NJDEP EPH	43414
410-12950-2	S-9B	Total/NA	Solid	NJDEP EPH	43414
410-12950-3	S-10A	Total/NA	Solid	NJDEP EPH	43414
410-12950-4	S-10B	Total/NA	Solid	NJDEP EPH	43414
410-12950-5	S-11A	Total/NA	Solid	NJDEP EPH	43414
410-12950-6	S-11B	Total/NA	Solid	NJDEP EPH	43414
410-12950-7	S-12A	Total/NA	Solid	NJDEP EPH	43414
410-12950-8	S-12B	Total/NA	Solid	NJDEP EPH	43414
410-12950-9	S-13A	Total/NA	Solid	NJDEP EPH	43414
410-12950-10	S-13B	Total/NA	Solid	NJDEP EPH	43414
410-12950-11	S-14A	Total/NA	Solid	NJDEP EPH	43414
410-12950-12	S-14B	Total/NA	Solid	NJDEP EPH	43414
410-12950-13	S-15A	Total/NA	Solid	NJDEP EPH	43414
MB 410-43297/1-B	Method Blank	Total/NA	Solid	NJDEP EPH	43414

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA (Continued)

Analysis Batch: 44200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-43297/2-B	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43414
LCSD 410-43297/3-B	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43414
410-12950-1 MS	S-9A	Total/NA	Solid	NJDEP EPH	43414
410-12950-1 MSD	S-9A	Total/NA	Solid	NJDEP EPH	43414

Analysis Batch: 44215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-11	S-14A	Total/NA	Solid	8081B	42844
410-12950-14	S-15B	Total/NA	Solid	8081B	42844

Prep Batch: 44304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	3546	
MB 410-44304/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44304/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 44577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-14	S-15B	Total/NA	Solid	3546	
MB 410-44577/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 44923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-14	S-15B	Total/NA	Solid	NJ EPH	44577
MB 410-44577/1-A	Method Blank	Total/NA	Solid	NJ EPH	44577
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	44577
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	44577

Analysis Batch: 45381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	8082A	44304
MB 410-44304/1-A	Method Blank	Total/NA	Solid	8082A	44304
LCS 410-44304/2-A	Lab Control Sample	Total/NA	Solid	8082A	44304

Prep Batch: 48675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3 - RE	S-10A	Total/NA	Solid	3546	
410-12950-4 - RE	S-10B	Total/NA	Solid	3546	
410-12950-6 - RE	S-11B	Total/NA	Solid	3546	
410-12950-7 - RE	S-12A	Total/NA	Solid	3546	
410-12950-8 - RE	S-12B	Total/NA	Solid	3546	
410-12950-11 - RE	S-14A	Total/NA	Solid	3546	
MB 410-48675/1-B	Method Blank	Total/NA	Solid	3546	
LCS 410-48675/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-48675/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
410-12950-4 MS - RE	S-10B	Total/NA	Solid	3546	
410-12950-4 MSD - RE	S-10B	Total/NA	Solid	3546	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

GC Semi VOA

Cleanup Batch: 48970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3 - RE	S-10A	Total/NA	Solid	3630C	48675
410-12950-4 - RE	S-10B	Total/NA	Solid	3630C	48675
410-12950-6 - RE	S-11B	Total/NA	Solid	3630C	48675
410-12950-7 - RE	S-12A	Total/NA	Solid	3630C	48675
410-12950-8 - RE	S-12B	Total/NA	Solid	3630C	48675
410-12950-11 - RE	S-14A	Total/NA	Solid	3630C	48675
MB 410-48675/1-B	Method Blank	Total/NA	Solid	3630C	48675
LCS 410-48675/2-B	Lab Control Sample	Total/NA	Solid	3630C	48675
LCSD 410-48675/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	48675
410-12950-4 MS - RE	S-10B	Total/NA	Solid	3630C	48675
410-12950-4 MSD - RE	S-10B	Total/NA	Solid	3630C	48675

Analysis Batch: 49936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3 - RE	S-10A	Total/NA	Solid	NJDEP EPH	48970
410-12950-4 - RE	S-10B	Total/NA	Solid	NJDEP EPH	48970
410-12950-6 - RE	S-11B	Total/NA	Solid	NJDEP EPH	48970
410-12950-7 - RE	S-12A	Total/NA	Solid	NJDEP EPH	48970
410-12950-8 - RE	S-12B	Total/NA	Solid	NJDEP EPH	48970
410-12950-11 - RE	S-14A	Total/NA	Solid	NJDEP EPH	48970
MB 410-48675/1-B	Method Blank	Total/NA	Solid	NJDEP EPH	48970
LCS 410-48675/2-B	Lab Control Sample	Total/NA	Solid	NJDEP EPH	48970
LCSD 410-48675/3-B	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	48970
410-12950-4 MS - RE	S-10B	Total/NA	Solid	NJDEP EPH	48970
410-12950-4 MSD - RE	S-10B	Total/NA	Solid	NJDEP EPH	48970

LCMS

Prep Batch: 41568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	537 (mod)	
410-12950-4	S-10B	Total/NA	Solid	537 (mod)	
410-12950-7	S-12A	Total/NA	Solid	537 (mod)	
410-12950-8	S-12B	Total/NA	Solid	537 (mod)	
410-12950-13	S-15A	Total/NA	Solid	537 (mod)	
410-12950-14	S-15B	Total/NA	Solid	537 (mod)	
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 (mod)	
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 (mod)	
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 (mod)	

Cleanup Batch: 41642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	Extract Aliquot	41568
410-12950-4	S-10B	Total/NA	Solid	Extract Aliquot	41568
410-12950-7	S-12A	Total/NA	Solid	Extract Aliquot	41568
410-12950-8	S-12B	Total/NA	Solid	Extract Aliquot	41568
410-12950-13	S-15A	Total/NA	Solid	Extract Aliquot	41568
410-12950-14	S-15B	Total/NA	Solid	Extract Aliquot	41568
MB 410-41568/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	41568
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	41568
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	41568

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

LCMS

Prep Batch: 41754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-15	FB-1	Total/NA	Water	537 IDA	
410-12950-16	RB-1	Total/NA	Water	537 IDA	
MB 410-41754/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	537 IDA	
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	

Analysis Batch: 41807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	537 IDA	41642
410-12950-4	S-10B	Total/NA	Solid	537 IDA	41642
410-12950-7	S-12A	Total/NA	Solid	537 IDA	41642
410-12950-8	S-12B	Total/NA	Solid	537 IDA	41642
410-12950-13	S-15A	Total/NA	Solid	537 IDA	41642
410-12950-14	S-15B	Total/NA	Solid	537 IDA	41642
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 IDA	41642
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 IDA	41642
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 IDA	41642

Analysis Batch: 42549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-15	FB-1	Total/NA	Water	T-WI21398 ver4	41754
410-12950-16	RB-1	Total/NA	Water	T-WI21398 ver4	41754
MB 410-41754/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	41754
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	41754
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	41754

Metals

Prep Batch: 41500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-13	S-15A	Total/NA	Solid	3050B	
MB 410-41500/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-41500/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 410-41500/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Prep Batch: 41504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-13	S-15A	Total/NA	Solid	7471B	
MB 410-41504/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-41504/2-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 410-41504/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	

Prep Batch: 41762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	3050B	
410-12950-2	S-9B	Total/NA	Solid	3050B	
410-12950-3	S-10A	Total/NA	Solid	3050B	
410-12950-4	S-10B	Total/NA	Solid	3050B	
410-12950-5	S-11A	Total/NA	Solid	3050B	
410-12950-6	S-11B	Total/NA	Solid	3050B	
410-12950-7	S-12A	Total/NA	Solid	3050B	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Metals (Continued)

Prep Batch: 41762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-8	S-12B	Total/NA	Solid	3050B	
410-12950-9	S-13A	Total/NA	Solid	3050B	
410-12950-10	S-13B	Total/NA	Solid	3050B	
410-12950-11	S-14A	Total/NA	Solid	3050B	
410-12950-12	S-14B	Total/NA	Solid	3050B	
410-12950-14	S-15B	Total/NA	Solid	3050B	
MB 410-41762/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 41841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-13	S-15A	Total/NA	Solid	7471B	41504
MB 410-41504/1-A	Method Blank	Total/NA	Solid	7471B	41504
LCS 410-41504/2-A	Lab Control Sample	Total/NA	Solid	7471B	41504
LCSD 410-41504/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	41504

Prep Batch: 42086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	7471B	
410-12950-2	S-9B	Total/NA	Solid	7471B	
410-12950-3	S-10A	Total/NA	Solid	7471B	
410-12950-4	S-10B	Total/NA	Solid	7471B	
410-12950-5	S-11A	Total/NA	Solid	7471B	
410-12950-6	S-11B	Total/NA	Solid	7471B	
410-12950-7	S-12A	Total/NA	Solid	7471B	
410-12950-8	S-12B	Total/NA	Solid	7471B	
410-12950-9	S-13A	Total/NA	Solid	7471B	
410-12950-10	S-13B	Total/NA	Solid	7471B	
410-12950-11	S-14A	Total/NA	Solid	7471B	
410-12950-12	S-14B	Total/NA	Solid	7471B	
410-12950-14	S-15B	Total/NA	Solid	7471B	
MB 410-42086/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-42086/2-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 410-42086/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	

Analysis Batch: 42343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-41500/2-A	Lab Control Sample	Total/NA	Solid	6010D	41500
LCSD 410-41500/3-A	Lab Control Sample Dup	Total/NA	Solid	6010D	41500

Analysis Batch: 42687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	7471B	42086
410-12950-2	S-9B	Total/NA	Solid	7471B	42086
410-12950-3	S-10A	Total/NA	Solid	7471B	42086
410-12950-4	S-10B	Total/NA	Solid	7471B	42086
410-12950-5	S-11A	Total/NA	Solid	7471B	42086
410-12950-6	S-11B	Total/NA	Solid	7471B	42086
410-12950-7	S-12A	Total/NA	Solid	7471B	42086
410-12950-8	S-12B	Total/NA	Solid	7471B	42086
410-12950-9	S-13A	Total/NA	Solid	7471B	42086

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Metals (Continued)

Analysis Batch: 42687 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-10	S-13B	Total/NA	Solid	7471B	42086
410-12950-11	S-14A	Total/NA	Solid	7471B	42086
410-12950-12	S-14B	Total/NA	Solid	7471B	42086
410-12950-14	S-15B	Total/NA	Solid	7471B	42086
MB 410-42086/1-A	Method Blank	Total/NA	Solid	7471B	42086
LCS 410-42086/2-A	Lab Control Sample	Total/NA	Solid	7471B	42086
LCSD 410-42086/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	42086

Analysis Batch: 42859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	6010D	41762
410-12950-2	S-9B	Total/NA	Solid	6010D	41762
410-12950-3	S-10A	Total/NA	Solid	6010D	41762
410-12950-4	S-10B	Total/NA	Solid	6010D	41762
410-12950-5	S-11A	Total/NA	Solid	6010D	41762
410-12950-6	S-11B	Total/NA	Solid	6010D	41762
410-12950-7	S-12A	Total/NA	Solid	6010D	41762
410-12950-8	S-12B	Total/NA	Solid	6010D	41762
410-12950-9	S-13A	Total/NA	Solid	6010D	41762
410-12950-10	S-13B	Total/NA	Solid	6010D	41762
410-12950-11	S-14A	Total/NA	Solid	6010D	41762
410-12950-12	S-14B	Total/NA	Solid	6010D	41762
410-12950-14	S-15B	Total/NA	Solid	6010D	41762
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	6010D	41762

Analysis Batch: 43012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	6010D	41762
410-12950-2	S-9B	Total/NA	Solid	6010D	41762
410-12950-2	S-9B	Total/NA	Solid	6010D	41762
410-12950-3	S-10A	Total/NA	Solid	6010D	41762
410-12950-4	S-10B	Total/NA	Solid	6010D	41762
410-12950-4	S-10B	Total/NA	Solid	6010D	41762
410-12950-5	S-11A	Total/NA	Solid	6010D	41762
410-12950-5	S-11A	Total/NA	Solid	6010D	41762
410-12950-6	S-11B	Total/NA	Solid	6010D	41762
410-12950-6	S-11B	Total/NA	Solid	6010D	41762
410-12950-7	S-12A	Total/NA	Solid	6010D	41762
410-12950-7	S-12A	Total/NA	Solid	6010D	41762
410-12950-8	S-12B	Total/NA	Solid	6010D	41762
410-12950-8	S-12B	Total/NA	Solid	6010D	41762
410-12950-9	S-13A	Total/NA	Solid	6010D	41762
410-12950-9	S-13A	Total/NA	Solid	6010D	41762
410-12950-10	S-13B	Total/NA	Solid	6010D	41762
410-12950-10	S-13B	Total/NA	Solid	6010D	41762
410-12950-11	S-14A	Total/NA	Solid	6010D	41762
410-12950-11	S-14A	Total/NA	Solid	6010D	41762
410-12950-12	S-14B	Total/NA	Solid	6010D	41762
410-12950-12	S-14B	Total/NA	Solid	6010D	41762
410-12950-14	S-15B	Total/NA	Solid	6010D	41762
410-12950-14	S-15B	Total/NA	Solid	6010D	41762

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Metals

Analysis Batch: 43481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	6010D	41762
410-12950-2	S-9B	Total/NA	Solid	6010D	41762
410-12950-3	S-10A	Total/NA	Solid	6010D	41762
410-12950-4	S-10B	Total/NA	Solid	6010D	41762
410-12950-5	S-11A	Total/NA	Solid	6010D	41762
410-12950-6	S-11B	Total/NA	Solid	6010D	41762
410-12950-7	S-12A	Total/NA	Solid	6010D	41762
410-12950-8	S-12B	Total/NA	Solid	6010D	41762
410-12950-9	S-13A	Total/NA	Solid	6010D	41762
410-12950-10	S-13B	Total/NA	Solid	6010D	41762
410-12950-11	S-14A	Total/NA	Solid	6010D	41762
410-12950-12	S-14B	Total/NA	Solid	6010D	41762
410-12950-13	S-15A	Total/NA	Solid	6010D	41500
MB 410-41500/1-A	Method Blank	Total/NA	Solid	6010D	41500
MB 410-41762/1-A	Method Blank	Total/NA	Solid	6010D	41762
LCS 410-41500/2-A	Lab Control Sample	Total/NA	Solid	6010D	41500
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	6010D	41762
LCSD 410-41500/3-A	Lab Control Sample Dup	Total/NA	Solid	6010D	41500

Analysis Batch: 47644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-14	S-15B	Total/NA	Solid	6010D	41762

General Chemistry

Analysis Batch: 41228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-13	S-15A	Total/NA	Solid	Moisture	

Analysis Batch: 41555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-10	S-13B	Total/NA	Solid	Moisture	
410-12950-11	S-14A	Total/NA	Solid	Moisture	

Analysis Batch: 41595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	Moisture	
410-12950-2	S-9B	Total/NA	Solid	Moisture	
410-12950-3	S-10A	Total/NA	Solid	Moisture	
410-12950-4	S-10B	Total/NA	Solid	Moisture	
410-12950-5	S-11A	Total/NA	Solid	Moisture	
410-12950-6	S-11B	Total/NA	Solid	Moisture	
410-12950-7	S-12A	Total/NA	Solid	Moisture	
410-12950-8	S-12B	Total/NA	Solid	Moisture	
410-12950-9	S-13A	Total/NA	Solid	Moisture	
410-12950-12	S-14B	Total/NA	Solid	Moisture	
410-12950-14	S-15B	Total/NA	Solid	Moisture	

Prep Batch: 43299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-2	S-9B	Total/NA	Solid	9012B	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

General Chemistry (Continued)

Prep Batch: 43299 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-3	S-10A	Total/NA	Solid	9012B	
410-12950-4	S-10B	Total/NA	Solid	9012B	
410-12950-5	S-11A	Total/NA	Solid	9012B	
410-12950-6	S-11B	Total/NA	Solid	9012B	
410-12950-7	S-12A	Total/NA	Solid	9012B	
410-12950-8	S-12B	Total/NA	Solid	9012B	
410-12950-9	S-13A	Total/NA	Solid	9012B	
410-12950-10	S-13B	Total/NA	Solid	9012B	
410-12950-11	S-14A	Total/NA	Solid	9012B	
MB 410-43299/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-43299/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 43567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-2	S-9B	Total/NA	Solid	9012B	43299
410-12950-3	S-10A	Total/NA	Solid	9012B	43299
410-12950-4	S-10B	Total/NA	Solid	9012B	43299
410-12950-5	S-11A	Total/NA	Solid	9012B	43299
410-12950-6	S-11B	Total/NA	Solid	9012B	43299
410-12950-7	S-12A	Total/NA	Solid	9012B	43299
410-12950-8	S-12B	Total/NA	Solid	9012B	43299
410-12950-9	S-13A	Total/NA	Solid	9012B	43299
410-12950-10	S-13B	Total/NA	Solid	9012B	43299
410-12950-11	S-14A	Total/NA	Solid	9012B	43299
MB 410-43299/2-A	Method Blank	Total/NA	Solid	9012B	43299
LCS 410-43299/1-A	Lab Control Sample	Total/NA	Solid	9012B	43299

Prep Batch: 43599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	9012B	
410-12950-12	S-14B	Total/NA	Solid	9012B	
410-12950-13	S-15A	Total/NA	Solid	9012B	
410-12950-14	S-15B	Total/NA	Solid	9012B	
MB 410-43599/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-43599/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 43768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-12950-1	S-9A	Total/NA	Solid	9012B	43599
410-12950-12	S-14B	Total/NA	Solid	9012B	43599
410-12950-13	S-15A	Total/NA	Solid	9012B	43599
410-12950-14	S-15B	Total/NA	Solid	9012B	43599
MB 410-43599/2-A	Method Blank	Total/NA	Solid	9012B	43599
LCS 410-43599/1-A	Lab Control Sample	Total/NA	Solid	9012B	43599

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-9A

Lab Sample ID: 410-12950-1

Date Collected: 09/02/20 14:30

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 12:58	CHT8	ELLE
Total/NA	Prep	3546			43084	09/11/20 18:30	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43398	09/14/20 15:59	SJ89	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 13:15	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 16:37	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 13:02	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 12:02	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 12:02	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:05	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 09:47	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 22:57	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:49	UEFS	ELLE
Total/NA	Prep	9012B			43599	09/14/20 12:32	NKL9	ELLE
Total/NA	Analysis	9012B		1	43768	09/14/20 22:56	QU5I	ELLE

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-9B

Lab Sample ID: 410-12950-2

Date Collected: 09/02/20 14:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 13:21	CHT8	ELLE
Total/NA	Prep	3546			43084	09/11/20 18:30	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43398	09/14/20 16:23	SJ89	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 13:27	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 16:47	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 14:17	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 14:03	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 14:03	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:08	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 09:50	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 09:53	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:00	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:47	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 11:54	P684	ELLE

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 13:44	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 04:10	ULM3	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10A

Lab Sample ID: 410-12950-3

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 13:39	ZO3C	ELLE
Total/NA	Prep	3546			44304	09/16/20 09:15	A2VL	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 15:05	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 14:41	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 14:43	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 14:43	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/01/20 19:29	KP5X	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/08/20 23:45	OLN7	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:11	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 09:56	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:04	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:45	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 11:56	P684	ELLE

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 14:07	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 04:34	ULM3	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-10B

Lab Sample ID: 410-12950-4

Date Collected: 09/02/20 14:00

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 13:51	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:08	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 15:06	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 15:23	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 15:23	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/01/20 20:09	KP5X	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/08/20 23:55	OLN7	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:14	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:06	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:09	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:07	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:43	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 11:57	P684	ELLE

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 18:45	CHT8	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11A

Lab Sample ID: 410-12950-5

Date Collected: 09/02/20 13:25

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 04:57	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 14:03	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:18	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 15:31	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 16:03	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 16:03	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:18	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:12	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:15	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:11	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 17:08	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 11:58	P684	ELLE

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 14:30	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 05:20	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 14:16	ZO3C	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-11B

Lab Sample ID: 410-12950-6

Date Collected: 09/02/20 13:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:28	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 16:21	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 16:43	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 16:43	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/01/20 22:10	KP5X	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:21	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:18	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:22	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:15	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:55	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:02	P684	ELLE

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 19:08	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 05:44	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 14:28	ZO3C	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12A

Lab Sample ID: 410-12950-7

Date Collected: 09/02/20 12:40

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:38	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 16:45	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 17:24	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 17:24	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/01/20 22:50	KP5X	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 00:05	OLN7	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:24	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:25	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:29	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:19	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:53	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:04	P684	ELLE

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 14:53	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 06:07	ULM3	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-12B

Lab Sample ID: 410-12950-8

Date Collected: 09/02/20 12:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 14:40	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:48	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 17:10	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 18:04	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 18:04	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/01/20 23:30	KP5X	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 00:15	OLN7	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:28	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:32	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:35	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:33	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:51	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:05	P684	ELLE

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 15:17	CHT8	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13A

Lab Sample ID: 410-12950-9

Date Collected: 09/02/20 10:50

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 06:31	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 16:17	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 17:58	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 17:35	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 18:44	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 18:44	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:31	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:44	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:48	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:36	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 16:57	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:06	P684	ELLE

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 15:40	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 06:54	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 16:30	ZO3C	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-13B

Lab Sample ID: 410-12950-10

Date Collected: 09/02/20 11:15

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 18:08	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 18:00	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 19:24	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 19:24	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:35	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:51	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 10:54	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:40	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 17:10	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:08	P684	ELLE

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 16:03	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 07:17	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 16:42	ZO3C	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		10	44215	09/16/20 03:38	UAMZ	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 18:18	JC94	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14A

Lab Sample ID: 410-12950-11

Date Collected: 09/02/20 10:11

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 18:25	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 20:05	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 20:05	X875	ELLE
Total/NA	Prep	3546	RE		48675	09/28/20 23:30	USL7	ELLE
Total/NA	Cleanup	3630C	RE		48970	09/29/20 16:30	DFX4	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49936	10/02/20 00:10	KP5X	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:45	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 10:57	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 11:01	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:44	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 17:03	UEFS	ELLE
Total/NA	Prep	9012B			43299	09/13/20 13:31	F8AU	ELLE
Total/NA	Analysis	9012B		1	43567	09/14/20 12:09	P684	ELLE

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 16:26	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 07:41	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 17:06	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 18:59	JC94	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-14B

Lab Sample ID: 410-12950-12

Date Collected: 09/02/20 10:20

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 18:49	YHQ2	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 20:45	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 20:45	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:48	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 11:04	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 11:07	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 23:48	UKNC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 17:05	UEFS	ELLE
Total/NA	Prep	9012B			43599	09/14/20 12:32	NKL9	ELLE
Total/NA	Analysis	9012B		1	43768	09/14/20 22:57	QU5I	ELLE

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41228	09/04/20 18:43	OEL4	ELLE

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 16:49	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 08:04	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 17:18	ZO3C	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 19:09	JC94	ELLE
Total/NA	Prep	3546			43298	09/13/20 11:29	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	43907	09/15/20 19:14	YHQ2	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15A

Lab Sample ID: 410-12950-13

Date Collected: 09/02/20 08:43

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 21:25	X875	ELLE
Total/NA	Prep	3546			43297	09/13/20 11:23	DN9W	ELLE
Total/NA	Cleanup	3630C			43414	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 21:25	X875	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 00:34	OLN7	ELLE
Total/NA	Prep	3050B			41500	09/08/20 05:30	UAMX	ELLE
Total/NA	Analysis	6010D		5	43481	09/13/20 00:16	UKNC	ELLE
Total/NA	Prep	7471B			41504	09/08/20 06:20	UAMX	ELLE
Total/NA	Analysis	7471B		100	41841	09/08/20 18:05	UEFS	ELLE
Total/NA	Prep	9012B			43599	09/14/20 12:32	NKL9	ELLE
Total/NA	Analysis	9012B		1	43768	09/14/20 22:59	QU5I	ELLE

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41595	09/08/20 09:16	UWC1	ELLE

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41255	09/04/20 20:16	ULEH	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 19:31	CHT8	ELLE
Total/NA	Prep	3546			43401	09/14/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43727	09/15/20 08:28	ULM3	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		1	43800	09/15/20 17:30	ZO3C	ELLE
Total/NA	Prep	3546			42844	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8081B		5	44215	09/16/20 03:50	UAMZ	ELLE
Total/NA	Prep	3546			42889	09/11/20 09:45	A2VL	ELLE
Total/NA	Analysis	8082A		1	43477	09/14/20 19:19	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	44923	09/17/20 22:27	KP5X	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 00:44	OLN7	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/11/20 00:52	UCIG	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Client Sample ID: S-15B

Lab Sample ID: 410-12950-14

Date Collected: 09/02/20 09:23

Matrix: Solid

Date Received: 09/03/20 16:50

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 11:11	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 11:14	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	47644	09/25/20 04:59	ULJC	ELLE
Total/NA	Prep	7471B			42086	09/09/20 11:40	UAMX	ELLE
Total/NA	Analysis	7471B		1	42687	09/10/20 17:12	UEFS	ELLE
Total/NA	Prep	9012B			43599	09/14/20 12:32	NKL9	ELLE
Total/NA	Analysis	9012B		1	43768	09/14/20 23:00	QU5I	ELLE

Client Sample ID: FB-1

Lab Sample ID: 410-12950-15

Date Collected: 09/02/20 09:40

Matrix: Water

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 21:36	MT26	ELLE

Client Sample ID: RB-1

Lab Sample ID: 410-12950-16

Date Collected: 09/02/20 09:40

Matrix: Water

Date Received: 09/03/20 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 21:46	MT26	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
537 IDA	537 (mod)	Solid	Perfluorobutanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorodecanoic acid
537 IDA	537 (mod)	Solid	Perfluorododecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroheptanoic acid
537 IDA	537 (mod)	Solid	Perfluorohexanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorohexanoic acid
537 IDA	537 (mod)	Solid	Perfluorononanoic acid
537 IDA	537 (mod)	Solid	Perfluorooctanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorooctanoic acid
537 IDA	537 (mod)	Solid	Perfluorotetradecanoic acid
537 IDA	537 (mod)	Solid	Perfluorotridecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroundecanoic acid
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	2-Butanone
8260C	5035	Solid	2-Hexanone
8260C	5035	Solid	4-Methyl-2-pentanone
8260C	5035	Solid	Acetone
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Cyclohexane
8260C	5035	Solid	Dibromochloromethane

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
8260C	5035	Solid	Dichlorodifluoromethane
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Freon 113
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m&p-Xylene
8260C	5035	Solid	Methyl acetate
8260C	5035	Solid	Methyl tertiary butyl ether
8260C	5035	Solid	Methylcyclohexane
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
8270D	3546	Solid	1,1'-Biphenyl
8270D	3546	Solid	1,2,4,5-Tetrachlorobenzene
8270D	3546	Solid	1,4-Dioxane
8270D	3546	Solid	2,2'-oxybis[1-chloropropane]
8270D	3546	Solid	2,3,4,6-Tetrachlorophenol
8270D	3546	Solid	2,4,5-Trichlorophenol
8270D	3546	Solid	2,4,6-Trichlorophenol
8270D	3546	Solid	2,4-Dichlorophenol
8270D	3546	Solid	2,4-Dimethylphenol
8270D	3546	Solid	2,4-Dinitrophenol
8270D	3546	Solid	2,4-Dinitrotoluene
8270D	3546	Solid	2,6-Dinitrotoluene
8270D	3546	Solid	2-Chloronaphthalene
8270D	3546	Solid	2-Chlorophenol
8270D	3546	Solid	2-Methylnaphthalene
8270D	3546	Solid	2-Methylphenol
8270D	3546	Solid	2-Nitroaniline
8270D	3546	Solid	2-Nitrophenol
8270D	3546	Solid	3,3'-Dichlorobenzidine
8270D	3546	Solid	3-Nitroaniline
8270D	3546	Solid	4,6-Dinitro-2-methylphenol
8270D	3546	Solid	4-Bromophenyl-phenylether
8270D	3546	Solid	4-Chloro-3-methylphenol
8270D	3546	Solid	4-Chloroaniline
8270D	3546	Solid	4-Chlorophenyl-phenyl ether
8270D	3546	Solid	4-Methylphenol
8270D	3546	Solid	4-Nitroaniline
8270D	3546	Solid	4-Nitrophenol
8270D	3546	Solid	Acenaphthene
8270D	3546	Solid	Acenaphthylene

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
8270D	3546	Solid	Acetophenone
8270D	3546	Solid	Anthracene
8270D	3546	Solid	Atrazine
8270D	3546	Solid	Benzaldehyde
8270D	3546	Solid	Benzo[a]anthracene
8270D	3546	Solid	Benzo[a]pyrene
8270D	3546	Solid	Benzo[b]fluoranthene
8270D	3546	Solid	Benzo[g,h,i]perylene
8270D	3546	Solid	Benzo[k]fluoranthene
8270D	3546	Solid	Bis(2-chloroethoxy)methane
8270D	3546	Solid	Bis(2-chloroethyl)ether
8270D	3546	Solid	Bis(2-ethylhexyl) phthalate
8270D	3546	Solid	Butylbenzylphthalate
8270D	3546	Solid	Caprolactam
8270D	3546	Solid	Carbazole
8270D	3546	Solid	Chrysene
8270D	3546	Solid	Dibenz(a,h)anthracene
8270D	3546	Solid	Dibenzofuran
8270D	3546	Solid	Diethyl phthalate
8270D	3546	Solid	Dimethyl phthalate
8270D	3546	Solid	Di-n-butyl phthalate
8270D	3546	Solid	Di-n-octyl phthalate
8270D	3546	Solid	Fluoranthene
8270D	3546	Solid	Fluorene
8270D	3546	Solid	Hexachlorobenzene
8270D	3546	Solid	Hexachlorobutadiene
8270D	3546	Solid	Hexachlorocyclopentadiene
8270D	3546	Solid	Hexachloroethane
8270D	3546	Solid	Indeno[1,2,3-cd]pyrene
8270D	3546	Solid	Isophorone
8270D	3546	Solid	Naphthalene
8270D	3546	Solid	Nitrobenzene
8270D	3546	Solid	N-Nitrosodi-n-propylamine
8270D	3546	Solid	N-Nitrosodiphenylamine
8270D	3546	Solid	Pentachlorophenol
8270D	3546	Solid	Phenanthrene
8270D	3546	Solid	Phenol
8270D	3546	Solid	Pyrene
Moisture	Solid	Percent Moisture	
Moisture	Solid	Percent Solids	

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8081B	Organochlorine Pesticides (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
NJ EPH	NJ EPH Extractable Petroleum Hydrocarbons	NJDEP	ELLE
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE
6010D	Metals (ICP)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
9012B	Cyanide, Total and/or Amenable	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
3630C	Silica Gel Cleanup	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
537 (mod)	EPA 537 Isotope Dilution	EPA	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7471B	Preparation, Mercury	SW846	ELLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	ELLE
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE

Protocol References:

ELLE - Lancaster = Eurofins Lancaster, Facility Standard Operating Procedure.

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-12950-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-12950-1	S-9A	Solid	09/02/20 14:30	09/03/20 16:50	
410-12950-2	S-9B	Solid	09/02/20 14:40	09/03/20 16:50	
410-12950-3	S-10A	Solid	09/02/20 14:00	09/03/20 16:50	
410-12950-4	S-10B	Solid	09/02/20 14:00	09/03/20 16:50	
410-12950-5	S-11A	Solid	09/02/20 13:25	09/03/20 16:50	
410-12950-6	S-11B	Solid	09/02/20 13:40	09/03/20 16:50	
410-12950-7	S-12A	Solid	09/02/20 12:40	09/03/20 16:50	
410-12950-8	S-12B	Solid	09/02/20 12:50	09/03/20 16:50	
410-12950-9	S-13A	Solid	09/02/20 10:50	09/03/20 16:50	
410-12950-10	S-13B	Solid	09/02/20 11:15	09/03/20 16:50	
410-12950-11	S-14A	Solid	09/02/20 10:11	09/03/20 16:50	
410-12950-12	S-14B	Solid	09/02/20 10:20	09/03/20 16:50	
410-12950-13	S-15A	Solid	09/02/20 08:43	09/03/20 16:50	
410-12950-14	S-15B	Solid	09/02/20 09:23	09/03/20 16:50	
410-12950-15	FB-1	Water	09/02/20 09:40	09/03/20 16:50	
410-12950-16	RB-1	Water	09/02/20 09:40	09/03/20 16:50	

 eurofins an international network of laboratories

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-12950-1

Login Number: 12950

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Jeremiah, Cory T

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

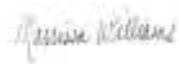
Laboratory Job ID: 410-13167-1

Client Project/Site: TTN Site NJ

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/23/2020 11:08:23 AM

Marrissa Williams, Project Manager
(717)556-7246
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- * QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

- * Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

- * Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Marrison Williams
Project Manager
10/23/2020 11:08:23 AM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate recovery exceeds control limits

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^	Instrument related QC is outside acceptance limits.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL.

Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Qualifiers (Continued)

Metals (Continued)

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Job ID: 410-13167-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13167-1

Receipt

The samples were received on 9/4/2020 6:11 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0° C and 2.0° C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with analytical batch 410-42478 was outside DKQP recovery criteria but within laboratory generated limits for the following analytes: Acetone, Bromomethane, Chloroethane and Trichlorofluoromethane. The data has been reported for the following samples: GW-1A (410-13167-5), GW-1B (410-13167-6), GW-2A (410-13167-7) and GW-2B (410-13167-8).

Method 8260C: The response factor for 2-Butanone (MEK) in the Continuing Calibration Verification (CCV) on analytical batch 410-42478 is 0.097, which rounds to 0.1, and is in within specification for the method requirements.

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-42478. The client requested analyte list was reported for this job.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-42478 recovered above the upper control limit for Bromomethane, Chloroethane and Trichlorofluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: Internal standard (ISTD) response for the following sample was outside control limits: GW-2A (410-13167-7). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits. Reported results are from both analyses.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-44632 recovered above the upper control limit for 2-Hexanone, 1,1,2,2-Tetrachloroethane, 4-Methyl-2-pentanone, Methyl acetate, 1,2-Dibromo-3-Chloropropane, 2-Butanone and 1,2-Dichloropropane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-44632 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-44632. The client requested analyte list was reported for this job.

Method 8260C: The NJ DKQP required reporting limit could not be attained for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane on analytical batch 410-44632. The associated sample is: TB-2 (410-13167-11).

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-43332. The client requested analyte list was reported for this job.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-43332 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Any detections are considered estimated.

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-42829. The client requested analyte list was reported for this job.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-42829 recovered above the upper control limit for 1,4-Dioxane, Acetone, Chloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any detections are considered estimated.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Job ID: 410-13167-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti)

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-42829 recovered outside acceptance criteria, low biased, for 2-Butanone A reporting limit (RL) standard was analyzed, and the target analyte was detected. Any detections are considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The project QA/QC requirements were not met. Project defined QC acceptance limits are not met. All QC is compliant with the laboratory statistically generated limits in preparation batch 410-42386.

Method 8270D: The NJ DKQP analyte list requirement was not met for Method 8270D. The client requested analyte list was reported for this job.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: S-5A (410-13167-3), GW-2A (410-13167-7) and GW-2B (410-13167-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method 8015D: Surrogate recovery for the following samples were outside control limits: S-5A (410-13167-3) and S-5B (410-13167-4). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits.

Method 8015D: Surrogate recovery for the continuing calibration verification (CCV) was outside control limits: S-5A (410-13167-3) and S-5B (410-13167-4). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits. This effect is attributed to the sample matrix and the data is reported from the first trial.

Method 8015D: The method blank for preparation batch 410-41391 and analytical batch 410-42185 contained GRO above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

Method 8015D: The following sample was diluted due to the nature of the sample matrix: GW-1A (410-13167-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The continuing calibration verification (CCV) associated with batch 410-42541 recovered outside acceptance criteria, low biased, for PCB-1260. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method NJDEP EPH: The laboratory control sample (LCS) for preparation batch 410-42631 and 410-43413 and analytical batch 410-44197 recovered outside control limits for the following analytes: C10-C12 Aromatics. The associated sample(s) was re-prepared and/or re-analyzed outside holding time and the LCS/LCSD is within control limits. Results are reported from the first trial.

Method NJDEP EPH: The breakthrough for Naphthalene and 2-Methylnaphthalene in the LCS is <1%. the breakthrough for Naphthalene in the LCSD is <1%. The method requirement for breakthrough is <5%.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010D: The NJ DKQP analyte list requirement was not met for Method 6010D. The client requested analyte list was reported for this job.

Method 6010D: The NJ DKQP required reporting limit could not be attained for Antimony, Arsenic, Beryllium, Cadmium, Lead, Sodium, Thallium and Selenium using the laboratory LOQ.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Job ID: 410-13167-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Lab Sample ID: 410-13167-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	4.5	J	37	3.7	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	21		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Anthracene	18		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	77		18	7.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	89		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	130		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	71		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	36		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Chrysene	92		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	23		18	7.3	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	160		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Fluorene	5.0	J	18	3.7	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	60		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	67		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Pyrene	150		18	3.7	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	63		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C36 Aromatic (1C)	3.9	J	11	3.3	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	7.5	J	11	3.3	mg/Kg	1	✱	NJDEP EPH	Total/NA
Aluminum	29000		22	12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	11		3.3	1.3	mg/Kg	1	✱	6010D	Total/NA
Barium	230		0.55	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.7		0.55	0.11	mg/Kg	1	✱	6010D	Total/NA
Calcium	4300		22	13	mg/Kg	1	✱	6010D	Total/NA
Chromium	44		1.6	0.20	mg/Kg	1	✱	6010D	Total/NA
Cobalt	15		0.55	0.16	mg/Kg	1	✱	6010D	Total/NA
Copper	37		2.2	0.84	mg/Kg	1	✱	6010D	Total/NA
Iron	41000		110	34	mg/Kg	5	✱	6010D	Total/NA
Lead	47		1.6	0.65	mg/Kg	1	✱	6010D	Total/NA
Magnesium	10000		11	4.4	mg/Kg	1	✱	6010D	Total/NA
Manganese	830		1.1	0.57	mg/Kg	1	✱	6010D	Total/NA
Nickel	30		1.1	0.28	mg/Kg	1	✱	6010D	Total/NA
Potassium	6900		33	22	mg/Kg	1	✱	6010D	Total/NA
Selenium	4.7	J	5.5	1.6	mg/Kg	1	✱	6010D	Total/NA
Sodium	5100		110	50	mg/Kg	1	✱	6010D	Total/NA
Thallium	1.7	J	3.3	1.4	mg/Kg	1	✱	6010D	Total/NA
Zinc	93		2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	78		1.1	0.47	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.038	J	0.062	0.026	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	4.5	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	13	J	21	8.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	14	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	24		21	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	14	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	9.3	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA
Chrysene	15	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	26		21	4.1	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	15	J	21	4.1	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4B (Continued)

Lab Sample ID: 410-13167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	9.5	J	21	4.1	ug/Kg	1	✖	8270D	Total/NA
Pyrene	23		21	4.1	ug/Kg	1	✖	8270D	Total/NA
Total EPH (C9-C40)	38		12	12	mg/Kg	1	✖	NJ EPH	Total/NA
C12-C16 Aliphatics (1C)	3.9	J	12	3.7	mg/Kg	1	✖	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	5.3	J	12	3.7	mg/Kg	1	✖	NJDEP EPH	Total/NA
Aluminum	56000		100	55	mg/Kg	5	✖	6010D	Total/NA
Arsenic	5.2		3.1	1.2	mg/Kg	1	✖	6010D	Total/NA
Barium	370		0.52	0.16	mg/Kg	1	✖	6010D	Total/NA
Beryllium	2.5		0.52	0.10	mg/Kg	1	✖	6010D	Total/NA
Calcium	1900		21	12	mg/Kg	1	✖	6010D	Total/NA
Chromium	52		1.6	0.19	mg/Kg	1	✖	6010D	Total/NA
Cobalt	19		0.52	0.15	mg/Kg	1	✖	6010D	Total/NA
Copper	40		2.1	0.80	mg/Kg	1	✖	6010D	Total/NA
Iron	51000		100	32	mg/Kg	5	✖	6010D	Total/NA
Lead	38		1.6	0.62	mg/Kg	1	✖	6010D	Total/NA
Magnesium	10000		10	4.1	mg/Kg	1	✖	6010D	Total/NA
Manganese	490		1.0	0.54	mg/Kg	1	✖	6010D	Total/NA
Nickel	39		1.0	0.27	mg/Kg	1	✖	6010D	Total/NA
Potassium	9300		31	21	mg/Kg	1	✖	6010D	Total/NA
Selenium	2.8	J	5.2	1.6	mg/Kg	1	✖	6010D	Total/NA
Sodium	710		100	48	mg/Kg	1	✖	6010D	Total/NA
Zinc	98		2.1	1.0	mg/Kg	1	✖	6010D	Total/NA
Vanadium	56		1.0	0.45	mg/Kg	1	✖	6010D	Total/NA
Mercury	0.048	J	0.073	0.031	mg/Kg	1	✖	7471B	Total/NA

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	12		11	2.2	ug/Kg	1	✖	8260C	Total/NA
Acetone	160		22	6.6	ug/Kg	1	✖	8260C	Total/NA
Methyl acetate	5.1	J	5.5	1.1	ug/Kg	1	✖	8260C	Total/NA
Perfluorohexanoic acid	8.4		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluoroheptanoic acid	9.1		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorooctanoic acid	12		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorononanoic acid	11		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorodecanoic acid	8.9		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorotridecanoic acid	13		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorotetradecanoic acid	0.54	J	0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorohexanesulfonic acid	6.3		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorooctanesulfonic acid	110		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluoroundecanoic acid	13		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Perfluorododecanoic acid	1.9		0.63	0.21	ng/g	1	✖	537 IDA	Total/NA
Aluminum	21000		21	11	mg/Kg	1	✖	6010D	Total/NA
Arsenic	6.5		3.1	1.3	mg/Kg	1	✖	6010D	Total/NA
Barium	110	B	0.52	0.16	mg/Kg	1	✖	6010D	Total/NA
Beryllium	1.1		0.52	0.10	mg/Kg	1	✖	6010D	Total/NA
Calcium	4300		21	13	mg/Kg	1	✖	6010D	Total/NA
Chromium	28		1.6	0.19	mg/Kg	1	✖	6010D	Total/NA
Cobalt	10		0.52	0.15	mg/Kg	1	✖	6010D	Total/NA
Copper	32		2.1	0.81	mg/Kg	1	✖	6010D	Total/NA
Iron	25000		21	6.5	mg/Kg	1	✖	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5A (Continued)

Lab Sample ID: 410-13167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	30		1.6	0.63	mg/Kg	1	✱	6010D	Total/NA
Magnesium	5700		10	4.2	mg/Kg	1	✱	6010D	Total/NA
Manganese	590		1.0	0.54	mg/Kg	1	✱	6010D	Total/NA
Nickel	19		1.0	0.27	mg/Kg	1	✱	6010D	Total/NA
Potassium	2800		31	21	mg/Kg	1	✱	6010D	Total/NA
Sodium	290		100	48	mg/Kg	1	✱	6010D	Total/NA
Zinc	75		2.1	1.0	mg/Kg	1	✱	6010D	Total/NA
Vanadium	48		1.0	0.45	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.058	J	0.063	0.026	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	12	J	13	2.6	ug/Kg	1	✱	8260C	Total/NA
Acetone	140	B	26	7.9	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	3.0	J	6.6	0.79	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.9	J	6.6	1.3	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanoic acid	5.3		0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluoroheptanoic acid	1.9		0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanoic acid	1.7		0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorononanoic acid	0.52	J	0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	0.28	J	0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorohexanesulfonic acid	3.6		0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	3.2		0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	0.24	J	0.66	0.22	ng/g	1	✱	537 IDA	Total/NA
Aluminum	25000		21	11	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.2		3.1	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	110	B	0.51	0.15	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.3		0.51	0.10	mg/Kg	1	✱	6010D	Total/NA
Calcium	4500		21	12	mg/Kg	1	✱	6010D	Total/NA
Chromium	37		1.5	0.19	mg/Kg	1	✱	6010D	Total/NA
Cobalt	14		0.51	0.15	mg/Kg	1	✱	6010D	Total/NA
Copper	32		2.1	0.79	mg/Kg	1	✱	6010D	Total/NA
Iron	36000		100	32	mg/Kg	5	✱	6010D	Total/NA
Lead	17		1.5	0.62	mg/Kg	1	✱	6010D	Total/NA
Magnesium	7200		10	4.1	mg/Kg	1	✱	6010D	Total/NA
Manganese	780		1.0	0.54	mg/Kg	1	✱	6010D	Total/NA
Nickel	27		1.0	0.27	mg/Kg	1	✱	6010D	Total/NA
Potassium	3100		31	21	mg/Kg	1	✱	6010D	Total/NA
Sodium	2800		100	48	mg/Kg	1	✱	6010D	Total/NA
Zinc	62		2.1	1.0	mg/Kg	1	✱	6010D	Total/NA
Vanadium	74		1.0	0.44	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	270		25	7.5	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.1	J	6.2	0.75	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	21		12	2.5	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	66		6.2	1.2	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	4.4	J	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Anthracene	3.9	J	18	3.5	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A (Continued)

Lab Sample ID: 410-13167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	12	J F2 F1	18	7.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	13	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	17	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Chrysene	11	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	14	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	5.6	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Pyrene	15	J F2 F1	18	3.5	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	2.4	J B	9.4	1.7	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	17		13	5.3	mg/Kg	1	✱	8015D	Total/NA
Perfluorohexanoic acid	1.9		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroheptanoic acid	2.2		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanoic acid	3.2		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorononanoic acid	4.0		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorodecanoic acid	4.3		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	16		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorotetradecanoic acid	0.36	J	0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorohexanesulfonic acid	2.5		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	66		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	21	I	0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorododecanoic acid	1.2	I	0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Barium	150	B	0.53	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.9		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Chromium	39		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	20		1.6	0.64	mg/Kg	1	✱	6010D	Total/NA
Barium	0.72		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0026	J B	0.015	0.0016	mg/L	1		6010D	TCLP
Mercury	0.028	J	0.064	0.027	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>175		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.4		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.5	J	6.1	0.74	ug/Kg	1	✱	8260C	Total/NA
Cyclohexane	1.2	J	6.1	0.61	ug/Kg	1	✱	8260C	Total/NA
Acetone	230		25	7.4	ug/Kg	1	✱	8260C	Total/NA
Benzene	0.93	J	6.1	0.61	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	2.1	J	6.1	0.74	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	14		12	2.5	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	6.9		6.1	1.2	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	8.6	J	18	7.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	7.2	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	9.8	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Chrysene	11	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	12	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	12	J	18	7.2	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	11	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Pyrene	16	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	1.3	J B	1.9	0.34	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	22		13	5.3	mg/Kg	1	✱	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1B (Continued)

Lab Sample ID: 410-13167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	1.9		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroheptanoic acid	1.7		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanoic acid	2.0		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorononanoic acid	6.8		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorodecanoic acid	3.6		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	36		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorotetradecanoic acid	0.73		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorohexanesulfonic acid	3.6		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	37		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	33		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorododecanoic acid	2.1		0.62	0.21	ng/g	1	✱	537 IDA	Total/NA
Barium	140	B	0.52	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	5.6		3.1	1.3	mg/Kg	1	✱	6010D	Total/NA
Chromium	38		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	15		1.6	0.63	mg/Kg	1	✱	6010D	Total/NA
Barium	0.90		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0011	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0052	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.020		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>173		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.8		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: GW-2A

Lab Sample ID: 410-13167-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		23	6.8	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	15		11	2.3	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	9200		5000	5000	mg/Kg	100	✱	NJ EPH	Total/NA
C12-C16 Aliphatics (1C)	31	J	50	15	mg/Kg	1	✱	NJDEP EPH	Total/NA
C16-C21 Aliphatics (1C)	47	J	50	15	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C36 Aromatic (1C)	81		50	15	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	610		50	15	mg/Kg	1	✱	NJDEP EPH	Total/NA
Perfluorohexanoic acid	0.74		0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluoroheptanoic acid	0.29	J	0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanoic acid	0.31	J	0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	0.40	J	0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.41	J	0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	0.34	J	0.59	0.20	ng/g	1	✱	537 IDA	Total/NA
Barium	67	B	0.47	0.14	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.5		2.8	1.1	mg/Kg	1	✱	6010D	Total/NA
Chromium	26		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Lead	10		1.4	0.56	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: GW-2B

Lab Sample ID: 410-13167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	280		36	11	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	22		18	3.6	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	6.3	J	8.9	1.8	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	150		52	52	mg/Kg	5	✱	NJ EPH	Total/NA
C12-C16 Aliphatics (1C)	6.5	J	10	3.1	mg/Kg	1	✱	NJDEP EPH	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2B (Continued)

Lab Sample ID: 410-13167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C21-C36 Aromatic (1C)	5.6	J	10	3.1	mg/Kg	1	✳	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	84		10	3.1	mg/Kg	1	✳	NJDEP EPH	Total/NA
Perfluorohexanoic acid	1.6		0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluoroheptanoic acid	0.48	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorooctanoic acid	0.38	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorononanoic acid	0.37	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorodecanoic acid	0.27	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorotridecanoic acid	1.0		0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorohexanesulfonic acid	0.35	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorooctanesulfonic acid	2.6		0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluoroundecanoic acid	4.3		0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Perfluorododecanoic acid	0.20	J	0.61	0.20	ng/g	1	✳	537 IDA	Total/NA
Barium	230	B	0.51	0.15	mg/Kg	1	✳	6010D	Total/NA
Arsenic	3.1		3.1	1.2	mg/Kg	1	✳	6010D	Total/NA
Chromium	29		1.5	0.18	mg/Kg	1	✳	6010D	Total/NA
Lead	16		1.5	0.62	mg/Kg	1	✳	6010D	Total/NA

Client Sample ID: FB-2

Lab Sample ID: 410-13167-9

No Detections.

Client Sample ID: RB-2

Lab Sample ID: 410-13167-10

No Detections.

Client Sample ID: TB-2

Lab Sample ID: 410-13167-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Lab Sample ID: 410-13167-1

Date Collected: 09/03/20 10:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 90.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		40	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
1,2,4,5-Tetrachlorobenzene	ND		40	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
1,4-Dioxane	ND		370	110	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,2'-oxybis[1-chloropropane]	ND	*	48	22	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,3,4,6-Tetrachlorophenol	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4,5-Trichlorophenol	ND		73	33	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4,6-Trichlorophenol	ND		62	29	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4-Dichlorophenol	ND		48	22	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4-Dimethylphenol	ND	*	73	33	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4-Dinitrophenol	ND		1100	370	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,4-Dinitrotoluene	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2,6-Dinitrotoluene	ND		55	26	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Chloronaphthalene	ND		37	7.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Chlorophenol	ND		40	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Methylnaphthalene	4.5	J	37	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Methylphenol	ND		73	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Nitroaniline	ND		55	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
2-Nitrophenol	ND		62	29	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
3,3'-Dichlorobenzidine	ND	*	370	110	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
3-Nitroaniline	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4,6-Dinitro-2-methylphenol	ND		550	260	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Bromophenyl-phenylether	ND		55	26	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Chloro-3-methylphenol	ND		55	26	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Chlorophenyl-phenyl ether	ND		48	22	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Chloroaniline	ND		180	37	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Methylphenol	ND		55	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Nitroaniline	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
4-Nitrophenol	ND		550	180	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Acenaphthylene	21		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Acenaphthene	ND		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Acetophenone	ND		55	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Anthracene	18		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Atrazine	ND		480	220	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzaldehyde	ND	*	180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzo[a]anthracene	77		18	7.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzo[a]pyrene	89		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzo[b]fluoranthene	130		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzo[g,h,i]perylene	71		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Benzo[k]fluoranthene	36		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Bis(2-chloroethoxy)methane	ND		40	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Bis(2-chloroethyl)ether	ND		55	26	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Bis(2-ethylhexyl) phthalate	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Butylbenzylphthalate	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Caprolactam	ND		180	37	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Carbazole	ND		40	18	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Chrysene	92		18	3.7	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Di-n-butyl phthalate	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Di-n-octyl phthalate	ND		180	73	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1
Dibenz(a,h)anthracene	23		18	7.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:22	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Lab Sample ID: 410-13167-1

Date Collected: 09/03/20 10:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 90.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		40	18	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Dimethyl phthalate	ND		180	73	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Diethyl phthalate	ND		180	73	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Fluoranthene	160		18	3.7	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Fluorene	5.0	J	18	3.7	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Hexachlorobenzene	ND		18	7.3	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Hexachlorobutadiene	ND	*	84	40	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Hexachlorocyclopentadiene	ND		550	220	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Hexachloroethane	ND	*	180	37	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Indeno[1,2,3-cd]pyrene	60		18	3.7	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Isophorone	ND		40	18	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
N-Nitrosodi-n-propylamine	ND		55	26	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
N-Nitrosodiphenylamine	ND		40	18	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Naphthalene	ND		18	7.3	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Nitrobenzene	ND		73	29	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Pentachlorophenol	ND		180	73	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Phenanthrene	67		18	3.7	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Phenol	ND		40	18	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1
Pyrene	150		18	3.7	ug/Kg	☼	09/10/20 09:35	09/11/20 11:22	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
14-Octadecenal	1600	T J N	ug/Kg	☼	12.66	56554-89-3	09/10/20 09:35	09/11/20 11:22	1
1-Eicosanol	890	T J N	ug/Kg	☼	12.89	629-96-9	09/10/20 09:35	09/11/20 11:22	1
Unknown	860	T J	ug/Kg	☼	13.21		09/10/20 09:35	09/11/20 11:22	1
Oxirane, heptadecyl-	930	T J N	ug/Kg	☼	13.28	67860-04-2	09/10/20 09:35	09/11/20 11:22	1
Unknown	790	T J	ug/Kg	☼	13.33		09/10/20 09:35	09/11/20 11:22	1
Octacosane	1900	T J N	ug/Kg	☼	13.46	630-02-4	09/10/20 09:35	09/11/20 11:22	1
Unknown	1300	T J	ug/Kg	☼	13.52		09/10/20 09:35	09/11/20 11:22	1
Unknown	920	T J	ug/Kg	☼	13.66		09/10/20 09:35	09/11/20 11:22	1
[1,2'-Binaphthalene]-5,5',8,8'-tetrone, 1',4-dihydroxy-2	820	T J N	ug/Kg	☼	13.90	20175-84-2	09/10/20 09:35	09/11/20 11:22	1
1-Heneicosanol	1200	T J N	ug/Kg	☼	13.93	15594-90-8	09/10/20 09:35	09/11/20 11:22	1
Eicosane	1200	T J N	ug/Kg	☼	14.06	112-95-8	09/10/20 09:35	09/11/20 11:22	1
Unknown	1400	T J	ug/Kg	☼	14.13		09/10/20 09:35	09/11/20 11:22	1
.gamma.-Sitosterol	1200	T J N	ug/Kg	☼	14.20	83-47-6	09/10/20 09:35	09/11/20 11:22	1
E-11,13-Dimethyl-12-tetradecen-1-ol acetate	930	T J N	ug/Kg	☼	14.30	1000130-81-0	09/10/20 09:35	09/11/20 11:22	1
Unknown	920	T J	ug/Kg	☼	14.55		09/10/20 09:35	09/11/20 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		30 - 130	09/10/20 09:35	09/11/20 11:22	1
2-Fluorophenol (Surr)	76		30 - 130	09/10/20 09:35	09/11/20 11:22	1
p-Terphenyl-d14 (Surr)	86		30 - 130	09/10/20 09:35	09/11/20 11:22	1
Phenol-d5 (Surr)	82		30 - 130	09/10/20 09:35	09/11/20 11:22	1
Nitrobenzene-d5 (Surr)	77		30 - 130	09/10/20 09:35	09/11/20 11:22	1
2-Fluorobiphenyl (Surr)	81		30 - 130	09/10/20 09:35	09/11/20 11:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.9	ug/Kg	☼	09/09/20 16:46	09/10/20 13:35	1
PCB-1221 (1C)	ND		18	5.0	ug/Kg	☼	09/09/20 16:46	09/10/20 13:35	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Lab Sample ID: 410-13167-1

Date Collected: 09/03/20 10:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 90.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232 (1C)	ND		18	8.7	ug/Kg	☆	09/09/20 16:46	09/10/20 13:35	1
PCB-1242 (1C)	ND		18	3.6	ug/Kg	☆	09/09/20 16:46	09/10/20 13:35	1
PCB-1248 (1C)	ND		18	3.6	ug/Kg	☆	09/09/20 16:46	09/10/20 13:35	1
PCB-1254 (1C)	ND		18	3.6	ug/Kg	☆	09/09/20 16:46	09/10/20 13:35	1
PCB-1260 (1C)	ND		18	5.3	ug/Kg	☆	09/09/20 16:46	09/10/20 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	60		30 - 150	09/09/20 16:46	09/10/20 13:35	1
DCB Decachlorobiphenyl (Surr) (2C)	64		30 - 150	09/09/20 16:46	09/10/20 13:35	1
Tetrachloro-m-xylene (1C)	91		30 - 150	09/09/20 16:46	09/10/20 13:35	1
Tetrachloro-m-xylene (2C)	82		30 - 150	09/09/20 16:46	09/10/20 13:35	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	63		11	11	mg/Kg	☆	09/10/20 16:19	09/11/20 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	91		40 - 140	09/10/20 16:19	09/11/20 14:16	1
o-terphenyl (Surr)	84		40 - 140	09/10/20 16:19	09/11/20 14:16	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C21-C36 Aromatic (1C)	3.9 J		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C21-C40 Aliphatics (1C)	7.5 J		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C10-C12 Aromatics (1C)	ND * *1		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1
C9-C12 Aliphatics (1C)	ND *1		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140	09/10/20 16:12	09/16/20 03:59	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140	09/10/20 16:12	09/16/20 03:59	1
2-Fluorobiphenyl (Surr) (1C)	80		40 - 140	09/10/20 16:12	09/16/20 03:59	1
o-terphenyl (Surr) (1C)	70		40 - 140	09/10/20 16:12	09/16/20 03:59	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Aluminum	29000		22	12	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Arsenic	11		3.3	1.3	mg/Kg	☆	09/08/20 17:19	09/11/20 09:33	1
Barium	230		0.55	0.16	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Beryllium	1.7		0.55	0.11	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Cadmium	ND		0.55	0.11	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Calcium	4300		22	13	mg/Kg	☆	09/08/20 17:19	09/11/20 09:33	1
Chromium	44		1.6	0.20	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Cobalt	15		0.55	0.16	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Copper	37		2.2	0.84	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Iron	41000		110	34	mg/Kg	☆	09/08/20 17:19	09/11/20 09:37	5
Lead	47		1.6	0.65	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Lab Sample ID: 410-13167-1

Date Collected: 09/03/20 10:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 90.7

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	10000		11	4.4	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Manganese	830		1.1	0.57	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Nickel	30		1.1	0.28	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Potassium	6900		33	22	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Selenium	4.7 J		5.5	1.6	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Silver	ND		1.1	0.44	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Sodium	5100		110	50	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Thallium	1.7 J		3.3	1.4	mg/Kg	☆	09/08/20 17:19	09/12/20 22:49	1
Zinc	93		2.2	1.1	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1
Vanadium	78		1.1	0.47	mg/Kg	☆	09/08/20 17:19	09/10/20 23:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038 J		0.062	0.026	mg/Kg	☆	09/15/20 11:19	09/17/20 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.3		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	90.7		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Date Collected: 09/03/20 10:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		45	21	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
1,2,4,5-Tetrachlorobenzene	ND		45	21	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
1,4-Dioxane	ND		410	120	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,2'-oxybis[1-chloropropane]	ND *		54	25	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,3,4,6-Tetrachlorophenol	ND		210	83	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4,5-Trichlorophenol	ND		83	37	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4,6-Trichlorophenol	ND		70	33	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4-Dichlorophenol	ND		54	25	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4-Dimethylphenol	ND *		83	37	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4-Dinitrophenol	ND		1200	410	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,4-Dinitrotoluene	ND		210	83	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2,6-Dinitrotoluene	ND		62	29	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Chloronaphthalene	ND		41	8.3	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Chlorophenol	ND		45	21	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Methylnaphthalene	ND		41	4.1	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Methylphenol	ND		83	21	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Nitroaniline	ND		62	21	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
2-Nitrophenol	ND		70	33	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
3,3'-Dichlorobenzidine	ND *		410	120	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
3-Nitroaniline	ND		210	83	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
4,6-Dinitro-2-methylphenol	ND		620	290	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
4-Bromophenyl-phenylether	ND		62	29	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
4-Chloro-3-methylphenol	ND		62	29	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1
4-Chlorophenyl-phenyl ether	ND		54	25	ug/Kg	☆	09/10/20 09:35	09/11/20 11:45	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Date Collected: 09/03/20 10:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		210	41	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
4-Methylphenol	ND		62	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
4-Nitroaniline	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
4-Nitrophenol	ND		620	210	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Acenaphthylene	ND		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Acenaphthene	ND		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Acetophenone	ND		62	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Anthracene	4.5	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Atrazine	ND		540	250	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzaldehyde	ND	*	210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzo[a]anthracene	13	J	21	8.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzo[a]pyrene	14	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzo[b]fluoranthene	24		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzo[g,h,i]perylene	14	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Benzo[k]fluoranthene	9.3	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Bis(2-chloroethoxy)methane	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Bis(2-chloroethyl)ether	ND		62	29	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Bis(2-ethylhexyl) phthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Butylbenzylphthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Caprolactam	ND		210	41	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Carbazole	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Chrysene	15	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Di-n-butyl phthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Di-n-octyl phthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Dibenz(a,h)anthracene	ND		21	8.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Dibenzofuran	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Dimethyl phthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Diethyl phthalate	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Fluoranthene	26		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Fluorene	ND		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Hexachlorobenzene	ND		21	8.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Hexachlorobutadiene	ND	*	95	45	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Hexachlorocyclopentadiene	ND		620	250	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Hexachloroethane	ND	*	210	41	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Indeno[1,2,3-cd]pyrene	15	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Isophorone	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
N-Nitrosodi-n-propylamine	ND		62	29	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
N-Nitrosodiphenylamine	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Naphthalene	ND		21	8.3	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Nitrobenzene	ND		83	33	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Pentachlorophenol	ND		210	83	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Phenanthrene	9.5	J	21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Phenol	ND		45	21	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1
Pyrene	23		21	4.1	ug/Kg	✱	09/10/20 09:35	09/11/20 11:45	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	890	T J B	ug/Kg	✱	1.00		09/10/20 09:35	09/11/20 11:45	1
Unknown	870	T J	ug/Kg	✱	2.90		09/10/20 09:35	09/11/20 11:45	1
Tridecane	400	T J N	ug/Kg	✱	6.58	629-50-5	09/10/20 09:35	09/11/20 11:45	1
Tetradecane	200	T J N	ug/Kg	✱	7.13	629-59-4	09/10/20 09:35	09/11/20 11:45	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Date Collected: 09/03/20 10:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	240	T J	ug/Kg	⊛	12.66		09/10/20 09:35	09/11/20 11:45	1
Oxirane, heptadecyl-	440	T J N	ug/Kg	⊛	13.28	67860-04-2	09/10/20 09:35	09/11/20 11:45	1
Hexadecane	250	T J N	ug/Kg	⊛	13.45	544-76-3	09/10/20 09:35	09/11/20 11:45	1
2-Octadecyl-propane-1,3-diol	470	T J N	ug/Kg	⊛	13.90	5337-61-1	09/10/20 09:35	09/11/20 11:45	1
Eicosane	330	T J N	ug/Kg	⊛	14.05	112-95-8	09/10/20 09:35	09/11/20 11:45	1
Unknown	340	T J	ug/Kg	⊛	14.13		09/10/20 09:35	09/11/20 11:45	1
.gamma.-Sitosterol	780	T J N	ug/Kg	⊛	14.20	83-47-6	09/10/20 09:35	09/11/20 11:45	1
[1,2'-Binaphthalene]-5,5',8,8'-tetrone, 1',4-dihydroxy-2	220	T J N	ug/Kg	⊛	14.33	20175-84-2	09/10/20 09:35	09/11/20 11:45	1
Unknown	350	T J	ug/Kg	⊛	14.37		09/10/20 09:35	09/11/20 11:45	1
Unknown	210	T J	ug/Kg	⊛	14.47		09/10/20 09:35	09/11/20 11:45	1
Unknown	250	T J	ug/Kg	⊛	14.55		09/10/20 09:35	09/11/20 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		30 - 130	09/10/20 09:35	09/11/20 11:45	1
2-Fluorophenol (Surr)	81		30 - 130	09/10/20 09:35	09/11/20 11:45	1
p-Terphenyl-d14 (Surr)	85		30 - 130	09/10/20 09:35	09/11/20 11:45	1
Phenol-d5 (Surr)	85		30 - 130	09/10/20 09:35	09/11/20 11:45	1
Nitrobenzene-d5 (Surr)	79		30 - 130	09/10/20 09:35	09/11/20 11:45	1
2-Fluorobiphenyl (Surr)	85		30 - 130	09/10/20 09:35	09/11/20 11:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.5	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1221 (1C)	ND		21	5.7	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1232 (1C)	ND		21	10	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1242 (1C)	ND		21	4.1	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1248 (1C)	ND		21	4.1	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1254 (1C)	ND		21	4.1	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1
PCB-1260 (1C)	ND		21	6.1	ug/Kg	⊛	09/09/20 16:46	09/10/20 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	60		30 - 150	09/09/20 16:46	09/10/20 13:46	1
DCB Decachlorobiphenyl (Surr) (2C)	64		30 - 150	09/09/20 16:46	09/10/20 13:46	1
Tetrachloro-m-xylene (1C)	83		30 - 150	09/09/20 16:46	09/10/20 13:46	1
Tetrachloro-m-xylene (2C)	80		30 - 150	09/09/20 16:46	09/10/20 13:46	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	38		12	12	mg/Kg	⊛	09/10/20 16:19	09/11/20 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	85		40 - 140	09/10/20 16:19	09/11/20 15:28	1
o-terphenyl (Surr)	79		40 - 140	09/10/20 16:19	09/11/20 15:28	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	3.9	J	12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 05:59	1
C12-C16 Aromatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 05:59	1
C16-C21 Aliphatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 05:59	1
C16-C21 Aromatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 05:59	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Date Collected: 09/03/20 10:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 80.3

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C21-C36 Aromatic (1C)	ND		12	3.7	mg/Kg	✱	09/10/20 16:12	09/16/20 05:59	1
C21-C40 Aliphatics (1C)	5.3	J	12	3.7	mg/Kg	✱	09/10/20 16:12	09/16/20 05:59	1
C10-C12 Aromatics (1C)	ND	* *1	12	3.7	mg/Kg	✱	09/10/20 16:12	09/16/20 05:59	1
C9-C12 Aliphatics (1C)	ND	*1	12	3.7	mg/Kg	✱	09/10/20 16:12	09/16/20 05:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	46		40 - 140				09/10/20 16:12	09/16/20 05:59	1
2-Bromonaphthalene (Surr) (1C)	77		40 - 140				09/10/20 16:12	09/16/20 05:59	1
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140				09/10/20 16:12	09/16/20 05:59	1
o-terphenyl (Surr) (1C)	68		40 - 140				09/10/20 16:12	09/16/20 05:59	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.2	1.8	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Aluminum	56000		100	55	mg/Kg	✱	09/08/20 17:19	09/11/20 09:44	5
Arsenic	5.2		3.1	1.2	mg/Kg	✱	09/08/20 17:19	09/11/20 09:40	1
Barium	370		0.52	0.16	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Beryllium	2.5		0.52	0.10	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Cadmium	ND		0.52	0.10	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Calcium	1900		21	12	mg/Kg	✱	09/08/20 17:19	09/11/20 09:40	1
Chromium	52		1.6	0.19	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Cobalt	19		0.52	0.15	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Copper	40		2.1	0.80	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Iron	51000		100	32	mg/Kg	✱	09/08/20 17:19	09/11/20 09:44	5
Lead	38		1.6	0.62	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Magnesium	10000		10	4.1	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Manganese	490		1.0	0.54	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Nickel	39		1.0	0.27	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Potassium	9300		31	21	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Selenium	2.8	J	5.2	1.6	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Silver	ND		1.0	0.41	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Sodium	710		100	48	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Thallium	ND		3.1	1.3	mg/Kg	✱	09/08/20 17:19	09/12/20 22:53	1
Zinc	98		2.1	1.0	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1
Vanadium	56		1.0	0.45	mg/Kg	✱	09/08/20 17:19	09/10/20 23:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.073	0.031	mg/Kg	✱	09/15/20 11:19	09/17/20 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19.7		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	80.3		1.0	1.0	%			09/08/20 08:24	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 91.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,1,2-Trichloroethane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2,3-Trichlorobenzene	ND		11	5.5	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2,4-Trichlorobenzene	ND		11	5.5	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2-Dibromo-3-Chloropropane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2-Dibromoethane	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2-Dichlorobenzene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2-Dichloroethane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,2-Dichloropropane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,3-Dichlorobenzene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,4-Dichlorobenzene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
1,4-Dioxane	ND		270	41	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
2-Butanone	12		11	2.2	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
2-Hexanone	ND		11	1.1	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Acetone	160		22	6.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Benzene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Bromochloromethane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Bromodichloromethane	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Bromoform	ND		11	5.5	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Bromomethane	ND		5.5	0.77	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Carbon disulfide	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Carbon tetrachloride	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Chlorobenzene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Chloroethane	ND		5.5	1.1	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Chloroform	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Chloromethane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
cis-1,3-Dichloropropene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Cyclohexane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Dibromochloromethane	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Dichlorodifluoromethane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Ethylbenzene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Freon 113	ND		11	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Isopropylbenzene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
m&p-Xylene	ND		5.5	1.1	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Methyl acetate	5.1 J		5.5	1.1	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Methyl tertiary butyl ether	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Methylcyclohexane	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Methylene Chloride	ND		5.5	2.2	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
o-Xylene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Styrene	ND		5.5	0.44	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
Toluene	ND		5.5	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
trans-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1
trans-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	☆	09/05/20 16:32	09/11/20 10:06	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 91.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	09/05/20 16:32	09/11/20 10:06	1
Trichlorofluoromethane	ND		5.5	0.77	ug/Kg	☼	09/05/20 16:32	09/11/20 10:06	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	09/05/20 16:32	09/11/20 10:06	1
Xylenes, Total	ND		11	1.5	ug/Kg	☼	09/05/20 16:32	09/11/20 10:06	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentanal	6.4	T J N	ug/Kg	☼	8.46	110-62-3	09/05/20 16:32	09/11/20 10:06	1
Hexanal	58	T J N	ug/Kg	☼	10.51	66-25-1	09/05/20 16:32	09/11/20 10:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/05/20 16:32	09/11/20 10:06	1
4-Bromofluorobenzene (Surr)	94		70 - 130	09/05/20 16:32	09/11/20 10:06	1
Dibromofluoromethane (Surr)	107		70 - 130	09/05/20 16:32	09/11/20 10:06	1
Toluene-d8 (Surr)	99		70 - 130	09/05/20 16:32	09/11/20 10:06	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		180	18	ug/Kg	☼	09/14/20 18:00	09/15/20 20:23	5
Naphthalene	ND		91	36	ug/Kg	☼	09/14/20 18:00	09/15/20 20:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	66		30 - 130	09/14/20 18:00	09/15/20 20:23	5
p-Terphenyl-d14 (Surr)	68		30 - 130	09/14/20 18:00	09/15/20 20:23	5
Nitrobenzene-d5 (Surr)	61		30 - 130	09/14/20 18:00	09/15/20 20:23	5
2-Fluorophenol (Surr)	60		30 - 130	09/14/20 18:00	09/15/20 20:23	5
2-Fluorobiphenyl (Surr)	64		30 - 130	09/14/20 18:00	09/15/20 20:23	5
2,4,6-Tribromophenol (Surr)	60		30 - 130	09/14/20 18:00	09/15/20 20:23	5

Method: 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		11	5.4	mg/Kg	☼		09/15/20 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetramethylene glycol (Surr)	17		10 - 143		09/15/20 15:18	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	8.4		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluoroheptanoic acid	9.1		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorooctanoic acid	12		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorononanoic acid	11		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorodecanoic acid	8.9		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorotridecanoic acid	13		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorotetradecanoic acid	0.54 J		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorobutanesulfonic acid	ND		2.1	0.42	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorohexanesulfonic acid	6.3		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorooctanesulfonic acid	110		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluoroundecanoic acid	13		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1
Perfluorododecanoic acid	1.9		0.63	0.21	ng/g	☼	09/08/20 08:51	09/09/20 01:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	72		11 - 138	09/08/20 08:51	09/09/20 01:04	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 91.9

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	71		15 - 139	09/08/20 08:51	09/09/20 01:04	1
13C8 PFOA	76		21 - 133	09/08/20 08:51	09/09/20 01:04	1
13C9 PFNA	80		15 - 145	09/08/20 08:51	09/09/20 01:04	1
13C6 PFDA	85		21 - 134	09/08/20 08:51	09/09/20 01:04	1
13C7 PFUnA	94		15 - 138	09/08/20 08:51	09/09/20 01:04	1
13C2-PFDoDA	90		28 - 126	09/08/20 08:51	09/09/20 01:04	1
13C2 PFTeDA	85		10 - 138	09/08/20 08:51	09/09/20 01:04	1
13C3 PFBS	86		23 - 130	09/08/20 08:51	09/09/20 01:04	1
13C3 PFHxS	83		24 - 136	09/08/20 08:51	09/09/20 01:04	1
13C8 PFOS	86		31 - 130	09/08/20 08:51	09/09/20 01:04	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.2	1.8	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Aluminum	21000		21	11	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Arsenic	6.5		3.1	1.3	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Barium	110	B	0.52	0.16	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Beryllium	1.1		0.52	0.10	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Cadmium	ND		0.52	0.10	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Calcium	4300		21	13	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Chromium	28		1.6	0.19	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Cobalt	10		0.52	0.15	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Copper	32		2.1	0.81	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Iron	25000		21	6.5	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Lead	30		1.6	0.63	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Magnesium	5700		10	4.2	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Manganese	590		1.0	0.54	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Nickel	19		1.0	0.27	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Potassium	2800		31	21	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Selenium	ND		5.2	1.6	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Silver	ND		1.0	0.42	mg/Kg	✱	09/08/20 17:25	09/18/20 10:12	1
Sodium	290		100	48	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Thallium	ND		3.1	1.4	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Zinc	75		2.1	1.0	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1
Vanadium	48		1.0	0.45	mg/Kg	✱	09/08/20 17:25	09/14/20 11:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.063	0.026	mg/Kg	✱	09/15/20 11:19	09/17/20 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	91.9		1.0	1.0	%			09/08/20 08:24	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,1,2,2-Tetrachloroethane	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,1,2-Trichloroethane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,1-Dichloroethane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2,3-Trichlorobenzene	ND		13	6.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2,4-Trichlorobenzene	ND		13	6.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2-Dibromo-3-Chloropropane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2-Dibromoethane	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2-Dichlorobenzene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2-Dichloroethane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,2-Dichloropropane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,3-Dichlorobenzene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,4-Dichlorobenzene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
1,4-Dioxane	ND *		330	49	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
2-Butanone	12	J	13	2.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
2-Hexanone	ND		13	1.3	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
4-Methyl-2-pentanone	ND		13	1.3	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Acetone	140	B	26	7.9	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Benzene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Bromochloromethane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Bromodichloromethane	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Bromoform	ND		13	6.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Bromomethane	ND		6.6	0.92	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Carbon disulfide	3.0	J	6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Carbon tetrachloride	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Chlorobenzene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Chloroethane	ND		6.6	1.3	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Chloroform	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Chloromethane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
cis-1,3-Dichloropropene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Cyclohexane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Dibromochloromethane	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Dichlorodifluoromethane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Ethylbenzene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Freon 113	ND		13	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Isopropylbenzene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
m&p-Xylene	ND		6.6	1.3	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Methyl acetate	3.9	J	6.6	1.3	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Methyl tertiary butyl ether	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Methylcyclohexane	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Methylene Chloride	ND		6.6	2.6	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
o-Xylene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Styrene	ND		6.6	0.53	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Tetrachloroethene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
Toluene	ND		6.6	0.79	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
trans-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1
trans-1,3-Dichloropropene	ND		6.6	0.66	ug/Kg	☆	09/05/20 16:32	09/11/20 10:29	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 87.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		6.6	0.66	ug/Kg	☼	09/05/20 16:32	09/11/20 10:29	1
Trichlorofluoromethane	ND		6.6	0.92	ug/Kg	☼	09/05/20 16:32	09/11/20 10:29	1
Vinyl chloride	ND		6.6	0.79	ug/Kg	☼	09/05/20 16:32	09/11/20 10:29	1
Xylenes, Total	ND		13	1.8	ug/Kg	☼	09/05/20 16:32	09/11/20 10:29	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Dodecane	11	T J N	ug/Kg	☼	14.04	112-40-3	09/05/20 16:32	09/11/20 10:29	1
Unknown	13	T J	ug/Kg	☼	14.40		09/05/20 16:32	09/11/20 10:29	1
Unknown	15	T J	ug/Kg	☼	14.47		09/05/20 16:32	09/11/20 10:29	1
Dodecane, 4,6-dimethyl-	21	T J N	ug/Kg	☼	14.53	61141-72-8	09/05/20 16:32	09/11/20 10:29	1
Unknown	14	T J	ug/Kg	☼	14.58		09/05/20 16:32	09/11/20 10:29	1
Tridecane	67	T J N	ug/Kg	☼	14.70	629-50-5	09/05/20 16:32	09/11/20 10:29	1
Unknown	17	T J	ug/Kg	☼	14.77		09/05/20 16:32	09/11/20 10:29	1
Unknown	13	T J	ug/Kg	☼	14.82		09/05/20 16:32	09/11/20 10:29	1
Unknown	16	T J	ug/Kg	☼	14.93		09/05/20 16:32	09/11/20 10:29	1
Unknown	29	T J	ug/Kg	☼	15.01		09/05/20 16:32	09/11/20 10:29	1
Unknown	16	T J	ug/Kg	☼	15.07		09/05/20 16:32	09/11/20 10:29	1
Eicosane	16	T J N	ug/Kg	☼	15.10	112-95-8	09/05/20 16:32	09/11/20 10:29	1
Unknown	23	T J	ug/Kg	☼	15.16		09/05/20 16:32	09/11/20 10:29	1
Unknown	22	T J	ug/Kg	☼	15.20		09/05/20 16:32	09/11/20 10:29	1
Tetradecane	45	T J N	ug/Kg	☼	15.34	629-59-4	09/05/20 16:32	09/11/20 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130	09/05/20 16:32	09/11/20 10:29	1
4-Bromofluorobenzene (Surr)	90		70 - 130	09/05/20 16:32	09/11/20 10:29	1
Dibromofluoromethane (Surr)	108		70 - 130	09/05/20 16:32	09/11/20 10:29	1
Toluene-d8 (Surr)	100		70 - 130	09/05/20 16:32	09/11/20 10:29	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		38	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 20:46	1
Naphthalene	ND		19	7.6	ug/Kg	☼	09/14/20 18:00	09/15/20 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	65		30 - 130	09/14/20 18:00	09/15/20 20:46	1
p-Terphenyl-d14 (Surr)	79		30 - 130	09/14/20 18:00	09/15/20 20:46	1
Nitrobenzene-d5 (Surr)	56		30 - 130	09/14/20 18:00	09/15/20 20:46	1
2-Fluorophenol (Surr)	58		30 - 130	09/14/20 18:00	09/15/20 20:46	1
2-Fluorobiphenyl (Surr)	67		30 - 130	09/14/20 18:00	09/15/20 20:46	1
2,4,6-Tribromophenol (Surr)	69		30 - 130	09/14/20 18:00	09/15/20 20:46	1

Method: 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		11	5.7	mg/Kg	☼		09/15/20 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetramethylene glycol (Surr)	1	X	10 - 143		09/15/20 16:36	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	5.3		0.66	0.22	ng/g	☼	09/08/20 08:51	09/09/20 01:13	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 87.6

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid	1.9		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorooctanoic acid	1.7		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorononanoic acid	0.52	J	0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorodecanoic acid	ND		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorotridecanoic acid	0.28	J	0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorotetradecanoic acid	ND		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorobutanesulfonic acid	ND		2.2	0.44	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorohexanesulfonic acid	3.6		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorooctanesulfonic acid	3.2		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluoroundecanoic acid	0.24	J	0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Perfluorododecanoic acid	ND		0.66	0.22	ng/g	☆	09/08/20 08:51	09/09/20 01:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	69		11 - 138				09/08/20 08:51	09/09/20 01:13	1
13C4 PFHpA	64		15 - 139				09/08/20 08:51	09/09/20 01:13	1
13C8 PFOA	69		21 - 133				09/08/20 08:51	09/09/20 01:13	1
13C9 PFNA	70		15 - 145				09/08/20 08:51	09/09/20 01:13	1
13C6 PFDA	73		21 - 134				09/08/20 08:51	09/09/20 01:13	1
13C7 PFUnA	75		15 - 138				09/08/20 08:51	09/09/20 01:13	1
13C2-PFDoDA	73		28 - 126				09/08/20 08:51	09/09/20 01:13	1
13C2 PFTeDA	77		10 - 138				09/08/20 08:51	09/09/20 01:13	1
13C3 PFBS	79		23 - 130				09/08/20 08:51	09/09/20 01:13	1
13C3 PFHxS	77		24 - 136				09/08/20 08:51	09/09/20 01:13	1
13C8 PFOS	81		31 - 130				09/08/20 08:51	09/09/20 01:13	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.1	1.7	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Aluminum	25000		21	11	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Arsenic	7.2		3.1	1.2	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Barium	110	B	0.51	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Beryllium	1.3		0.51	0.10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Cadmium	ND		0.51	0.10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Calcium	4500		21	12	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Chromium	37		1.5	0.19	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Cobalt	14		0.51	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Copper	32		2.1	0.79	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Iron	36000		100	32	mg/Kg	☆	09/08/20 17:25	09/16/20 16:44	5
Lead	17		1.5	0.62	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Magnesium	7200		10	4.1	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Manganese	780		1.0	0.54	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Nickel	27		1.0	0.27	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Potassium	3100		31	21	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Selenium	ND		5.1	1.5	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Silver	ND	^	5.1	2.1	mg/Kg	☆	09/08/20 17:25	09/16/20 16:44	5
Sodium	2800		100	48	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Thallium	ND		3.1	1.3	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Zinc	62		2.1	1.0	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1
Vanadium	74		1.0	0.44	mg/Kg	☆	09/08/20 17:25	09/14/20 11:14	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 87.6

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.069	0.029	mg/Kg	☆	09/15/20 11:19	09/17/20 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12.4		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	87.6		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 94.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Styrene	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
cis-1,3-Dichloropropene	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,4-Dichlorobenzene	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,2-Dibromoethane	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,2-Dichloroethane	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Methylcyclohexane	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Toluene	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Chlorobenzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Cyclohexane	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,2,4-Trichlorobenzene	ND		12	6.2	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Dibromochloromethane	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Tetrachloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Xylenes, Total	ND		12	1.7	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Methyl tertiary butyl ether	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,3-Dichlorobenzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Carbon tetrachloride	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
2-Hexanone	ND		12	1.2	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Acetone	270		25	7.5	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Chloroform	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Benzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,1,1-Trichloroethane	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Bromomethane	ND		6.2	0.87	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Chloromethane	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Bromochloromethane	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Chloroethane	ND		6.2	1.2	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Vinyl chloride	ND		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Methylene Chloride	ND		6.2	2.5	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Carbon disulfide	1.1 J		6.2	0.75	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Bromoform	ND		12	6.2	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
Bromodichloromethane	ND		6.2	0.50	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,1-Dichloroethane	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1
1,1-Dichloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 16:32	09/10/20 17:12	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 94.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		6.2	0.87	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
Dichlorodifluoromethane	ND		6.2	0.75	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
Freon 113	ND		12	0.75	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,2-Dichloropropane	ND		6.2	0.62	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
2-Butanone	21		12	2.5	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,1,2-Trichloroethane	ND		6.2	0.62	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
Trichloroethene	ND		6.2	0.62	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
Methyl acetate	66		6.2	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,1,2,2-Tetrachloroethane	ND		6.2	0.50	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,2,3-Trichlorobenzene	ND		12	6.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
o-Xylene	ND		6.2	0.50	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,2-Dichlorobenzene	ND		6.2	0.62	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
1,2-Dibromo-3-Chloropropane	ND		6.2	0.62	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
Isopropylbenzene	ND		6.2	0.50	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1
m&p-Xylene	ND		6.2	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	59	T J	ug/Kg	✱	10.51		09/05/20 16:32	09/10/20 17:12	1
Dodecane	59	T J N	ug/Kg	✱	14.04	112-40-3	09/05/20 16:32	09/10/20 17:12	1
Unknown	68	T J	ug/Kg	✱	14.40		09/05/20 16:32	09/10/20 17:12	1
Unknown	75	T J	ug/Kg	✱	14.47		09/05/20 16:32	09/10/20 17:12	1
Decane, 2-methyl-	98	T J N	ug/Kg	✱	14.53	6975-98-0	09/05/20 16:32	09/10/20 17:12	1
Tridecane	330	T J N	ug/Kg	✱	14.70	629-50-5	09/05/20 16:32	09/10/20 17:12	1
Unknown	97	T J	ug/Kg	✱	14.77		09/05/20 16:32	09/10/20 17:12	1
Unknown	58	T J	ug/Kg	✱	14.81		09/05/20 16:32	09/10/20 17:12	1
Unknown	63	T J	ug/Kg	✱	14.93		09/05/20 16:32	09/10/20 17:12	1
Unknown	90	T J	ug/Kg	✱	15.01		09/05/20 16:32	09/10/20 17:12	1
Unknown	64	T J	ug/Kg	✱	15.07		09/05/20 16:32	09/10/20 17:12	1
Unknown	66	T J	ug/Kg	✱	15.10		09/05/20 16:32	09/10/20 17:12	1
Unknown	87	T J	ug/Kg	✱	15.16		09/05/20 16:32	09/10/20 17:12	1
Dodecane, 2,6,10-trimethyl-	81	T J N	ug/Kg	✱	15.20	3891-98-3	09/05/20 16:32	09/10/20 17:12	1
Tetradecane	170	T J N	ug/Kg	✱	15.34	629-59-4	09/05/20 16:32	09/10/20 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130	09/05/20 16:32	09/10/20 17:12	1
4-Bromofluorobenzene (Surr)	91		70 - 130	09/05/20 16:32	09/10/20 17:12	1
Dibromofluoromethane (Surr)	107		70 - 130	09/05/20 16:32	09/10/20 17:12	1
Toluene-d8 (Surr)	101		70 - 130	09/05/20 16:32	09/10/20 17:12	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Acenaphthylene	4.4	J	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Anthracene	3.9	J	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Benzo[a]anthracene	12	J F2 F1	18	7.1	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Benzo[a]pyrene	13	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Benzo[b]fluoranthene	17	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Benzo[g,h,i]perylene	ND	F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Benzo[k]fluoranthene	ND	F2	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Chrysene	11	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 94.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		18	7.1	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Fluoranthene	14	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Fluorene	ND		18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Indeno[1,2,3-cd]pyrene	ND	F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Naphthalene	ND		18	7.1	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Phenanthrene	5.6	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1
Pyrene	15	J F2 F1	18	3.5	ug/Kg	✱	09/14/20 18:00	09/15/20 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		30 - 130	09/14/20 18:00	09/15/20 16:05	1
Nitrobenzene-d5 (Surr)	68		30 - 130	09/14/20 18:00	09/15/20 16:05	1
p-Terphenyl-d14 (Surr)	80		30 - 130	09/14/20 18:00	09/15/20 16:05	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	2.4	J B	9.4	1.7	mg/Kg	✱	09/05/20 16:29	09/10/20 00:20	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	119		50 - 142	09/05/20 16:29	09/10/20 00:20	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	17		13	5.3	mg/Kg	✱	09/14/20 09:50	09/15/20 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	96		42 - 143	09/14/20 09:50	09/15/20 02:25	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		18	3.8	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1221 (2C)	ND		18	4.9	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1232 (2C)	ND		18	8.5	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1242 (2C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1248 (2C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1254 (2C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1
PCB-1260 (2C)	ND		18	5.2	ug/Kg	✱	09/14/20 17:30	09/15/20 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	108		30 - 150	09/14/20 17:30	09/15/20 16:03	1
DCB Decachlorobiphenyl (Surr) (2C)	113		30 - 150	09/14/20 17:30	09/15/20 16:03	1
Tetrachloro-m-xylene (1C)	92		30 - 150	09/14/20 17:30	09/15/20 16:03	1
Tetrachloro-m-xylene (2C)	82		30 - 150	09/14/20 17:30	09/15/20 16:03	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluoroheptanoic acid	2.2		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorooctanoic acid	3.2		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorononanoic acid	4.0		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorodecanoic acid	4.3		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorotridecanoic acid	16		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 94.0

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid	0.36	J	0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorobutanesulfonic acid	ND		2.1	0.41	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorohexanesulfonic acid	2.5		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorooctanesulfonic acid	66		0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluoroundecanoic acid	21	I	0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1
Perfluorododecanoic acid	1.2	I	0.62	0.21	ng/g	✱	09/08/20 08:51	09/09/20 01:23	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	60		11 - 138	09/08/20 08:51	09/09/20 01:23	1
13C4 PFHpA	62		15 - 139	09/08/20 08:51	09/09/20 01:23	1
13C8 PFOA	62		21 - 133	09/08/20 08:51	09/09/20 01:23	1
13C9 PFNA	66		15 - 145	09/08/20 08:51	09/09/20 01:23	1
13C6 PFDA	70		21 - 134	09/08/20 08:51	09/09/20 01:23	1
13C7 PFUnA	69		15 - 138	09/08/20 08:51	09/09/20 01:23	1
13C2-PFDoDA	74		28 - 126	09/08/20 08:51	09/09/20 01:23	1
13C2 PFTeDA	70		10 - 138	09/08/20 08:51	09/09/20 01:23	1
13C3 PFBS	77		23 - 130	09/08/20 08:51	09/09/20 01:23	1
13C3 PFHxS	75		24 - 136	09/08/20 08:51	09/09/20 01:23	1
13C8 PFOS	77		31 - 130	09/08/20 08:51	09/09/20 01:23	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150	B	0.53	0.16	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Arsenic	6.9		3.2	1.3	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Cadmium	ND	F1	0.53	0.11	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Chromium	39		1.6	0.19	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Lead	20		1.6	0.64	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Selenium	ND		5.3	1.6	mg/Kg	✱	09/08/20 17:25	09/14/20 10:48	1
Silver	ND		1.1	0.43	mg/Kg	✱	09/08/20 17:25	09/18/20 09:52	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.72		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 14:34	1
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 14:34	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 14:34	1
Chromium	0.0026	J B	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 14:34	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:27	09/16/20 14:34	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 14:34	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 14:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 22:02	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028	J	0.064	0.027	mg/Kg	✱	09/15/20 12:03	09/17/20 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>175		50.0	50.0	Degrees F			09/14/20 13:07	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A

Date Collected: 09/03/20 13:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-5

Matrix: Solid

Percent Solids: 94.0

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:48	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	6.0		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	94.0		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.01	0.01	S.U.			09/12/20 13:10	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 13:10	1

Client Sample ID: GW-1B

Date Collected: 09/03/20 13:40

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-6

Matrix: Solid

Percent Solids: 93.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Styrene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
cis-1,3-Dichloropropene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
trans-1,3-Dichloropropene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,4-Dichlorobenzene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2-Dibromoethane	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2-Dichloroethane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Methylcyclohexane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Toluene	2.5	J	6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Chlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Cyclohexane	1.2	J	6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2,4-Trichlorobenzene	ND		12	6.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Dibromochloromethane	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Xylenes, Total	ND		12	1.7	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
trans-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Methyl tertiary butyl ether	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,3-Dichlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Carbon tetrachloride	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
2-Hexanone	ND		12	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Acetone	230		25	7.4	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Chloroform	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Benzene	0.93	J	6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,1,1-Trichloroethane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Bromomethane	ND		6.1	0.86	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Chloromethane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Bromochloromethane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Chloroethane	ND		6.1	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Vinyl chloride	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Methylene Chloride	ND		6.1	2.5	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Carbon disulfide	2.1	J	6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Bromoform	ND		12	6.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Date Collected: 09/03/20 13:40

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 93.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Trichlorofluoromethane	ND		6.1	0.86	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Dichlorodifluoromethane	ND		6.1	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Freon 113	ND		12	0.74	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2-Dichloropropane	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
2-Butanone	14		12	2.5	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,1,2-Trichloroethane	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Trichloroethene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Methyl acetate	6.9		6.1	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2,3-Trichlorobenzene	ND		12	6.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
o-Xylene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2-Dichlorobenzene	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
1,2-Dibromo-3-Chloropropane	ND		6.1	0.61	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
Isopropylbenzene	ND		6.1	0.49	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1
m&p-Xylene	ND		6.1	1.2	ug/Kg	✱	09/05/20 16:32	09/10/20 17:35	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tridecane	17	T J N	ug/Kg	✱	14.70	629-50-5	09/05/20 16:32	09/10/20 17:35	1
Unknown	8.2	T J	ug/Kg	✱	14.78		09/05/20 16:32	09/10/20 17:35	1
Unknown	6.3	T J	ug/Kg	✱	15.01		09/05/20 16:32	09/10/20 17:35	1
Unknown	7.1	T J	ug/Kg	✱	15.16		09/05/20 16:32	09/10/20 17:35	1
Unknown	7.6	T J	ug/Kg	✱	15.20		09/05/20 16:32	09/10/20 17:35	1
Tetradecane	15	T J N	ug/Kg	✱	15.34	629-59-4	09/05/20 16:32	09/10/20 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/05/20 16:32	09/10/20 17:35	1
4-Bromofluorobenzene (Surr)	85		70 - 130	09/05/20 16:32	09/10/20 17:35	1
Dibromofluoromethane (Surr)	108		70 - 130	09/05/20 16:32	09/10/20 17:35	1
Toluene-d8 (Surr)	104		70 - 130	09/05/20 16:32	09/10/20 17:35	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Acenaphthylene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Anthracene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Benzo[a]anthracene	8.6	J	18	7.2	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Benzo[a]pyrene	7.2	J	18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Benzo[b]fluoranthene	9.8	J	18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Benzo[g,h,i]perylene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Benzo[k]fluoranthene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Chrysene	11	J	18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Dibenz(a,h)anthracene	ND		18	7.2	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Fluoranthene	12	J	18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Fluorene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Indeno[1,2,3-cd]pyrene	ND		18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Naphthalene	12	J	18	7.2	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1
Phenanthrene	11	J	18	3.6	ug/Kg	✱	09/14/20 18:00	09/15/20 21:10	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Date Collected: 09/03/20 13:40

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 93.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	16	J	18	3.6	ug/Kg	☆	09/14/20 18:00	09/15/20 21:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		30 - 130				09/14/20 18:00	09/15/20 21:10	1
Nitrobenzene-d5 (Surr)	69		30 - 130				09/14/20 18:00	09/15/20 21:10	1
p-Terphenyl-d14 (Surr)	81		30 - 130				09/14/20 18:00	09/15/20 21:10	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	1.3	J B	1.9	0.34	mg/Kg	☆	09/05/20 16:29	09/09/20 23:07	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142				09/05/20 16:29	09/09/20 23:07	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	22		13	5.3	mg/Kg	☆	09/14/20 09:50	09/15/20 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	100		42 - 143				09/14/20 09:50	09/15/20 02:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		18	3.9	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1221 (2C)	ND		18	4.9	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1232 (2C)	ND		18	8.6	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1242 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1248 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1254 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
PCB-1260 (2C)	ND		18	5.2	ug/Kg	☆	09/14/20 17:30	09/15/20 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	110		30 - 150				09/14/20 17:30	09/15/20 16:13	1
DCB Decachlorobiphenyl (Surr) (2C)	117		30 - 150				09/14/20 17:30	09/15/20 16:13	1
Tetrachloro-m-xylene (1C)	89		30 - 150				09/14/20 17:30	09/15/20 16:13	1
Tetrachloro-m-xylene (2C)	84		30 - 150				09/14/20 17:30	09/15/20 16:13	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.9		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluoroheptanoic acid	1.7		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorooctanoic acid	2.0		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorononanoic acid	6.8		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorodecanoic acid	3.6		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorotridecanoic acid	36		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorotetradecanoic acid	0.73		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorobutanesulfonic acid	ND		2.1	0.41	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorohexanesulfonic acid	3.6		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorooctanesulfonic acid	37		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluoroundecanoic acid	33		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1
Perfluorododecanoic acid	2.1		0.62	0.21	ng/g	☆	09/08/20 08:51	09/09/20 01:33	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1B

Date Collected: 09/03/20 13:40

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-6

Matrix: Solid

Percent Solids: 93.1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	65		11 - 138	09/08/20 08:51	09/09/20 01:33	1
13C4 PFHpA	61		15 - 139	09/08/20 08:51	09/09/20 01:33	1
13C8 PFOA	67		21 - 133	09/08/20 08:51	09/09/20 01:33	1
13C9 PFNA	65		15 - 145	09/08/20 08:51	09/09/20 01:33	1
13C6 PFDA	66		21 - 134	09/08/20 08:51	09/09/20 01:33	1
13C7 PFUnA	66		15 - 138	09/08/20 08:51	09/09/20 01:33	1
13C2-PFDoDA	66		28 - 126	09/08/20 08:51	09/09/20 01:33	1
13C2 PFTeDA	71		10 - 138	09/08/20 08:51	09/09/20 01:33	1
13C3 PFBS	71		23 - 130	09/08/20 08:51	09/09/20 01:33	1
13C3 PFHxS	73		24 - 136	09/08/20 08:51	09/09/20 01:33	1
13C8 PFOS	73		31 - 130	09/08/20 08:51	09/09/20 01:33	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	140	B	0.52	0.16	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Arsenic	5.6		3.1	1.3	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Cadmium	ND		0.52	0.10	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Chromium	38		1.6	0.19	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Lead	15		1.6	0.63	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Selenium	ND		5.2	1.6	mg/Kg	✱	09/08/20 17:25	09/14/20 11:24	1
Silver	ND		1.0	0.42	mg/Kg	✱	09/08/20 17:25	09/18/20 10:15	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.90		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:45	1
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 14:45	1
Cadmium	0.0011	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:45	1
Chromium	0.0052	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 14:45	1
Lead	0.020		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 12:58	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:10	09/17/20 12:58	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 14:45	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.063	0.026	mg/Kg	✱	09/15/20 11:19	09/17/20 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>173		50.0	50.0	Degrees F			09/14/20 13:07	1
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:50	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	6.9		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	93.1		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.01	0.01	S.U.			09/12/20 13:10	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 13:10	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2A

Lab Sample ID: 410-13167-7

Date Collected: 09/03/20 11:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 99.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Styrene	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
cis-1,3-Dichloropropene	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,4-Dichlorobenzene	ND	*3	5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2-Dibromoethane	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2-Dichloroethane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Methylcyclohexane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Toluene	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Chlorobenzene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Cyclohexane	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2,4-Trichlorobenzene	ND	*3	11	5.7	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Xylenes, Total	ND		11	1.6	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Methyl tertiary butyl ether	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,3-Dichlorobenzene	ND	*3	5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Carbon tetrachloride	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Acetone	170		23	6.8	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Chloroform	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Benzene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Bromomethane	ND		5.7	0.79	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Chloromethane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Bromochloromethane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Chloroethane	ND		5.7	1.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Carbon disulfide	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Bromoform	ND		11	5.7	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Bromodichloromethane	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Trichlorofluoromethane	ND		5.7	0.79	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Dichlorodifluoromethane	ND		5.7	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Freon 113	ND		11	0.68	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2-Dichloropropane	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
2-Butanone	15		11	2.3	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,1,2-Trichloroethane	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Trichloroethene	ND		5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
Methyl acetate	ND		5.7	1.1	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,1,2,2-Tetrachloroethane	ND	*3	5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2,3-Trichlorobenzene	ND	*3	11	5.7	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
o-Xylene	ND		5.7	0.45	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1
1,2-Dichlorobenzene	ND	*3	5.7	0.57	ug/Kg	✱	09/05/20 16:32	09/10/20 17:58	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2A

Lab Sample ID: 410-13167-7

Date Collected: 09/03/20 11:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 99.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	*3	5.7	0.57	ug/Kg	☼	09/05/20 16:32	09/10/20 17:58	1
Isopropylbenzene	ND		5.7	0.45	ug/Kg	☼	09/05/20 16:32	09/10/20 17:58	1
m&p-Xylene	ND		5.7	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 17:58	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/05/20 16:32	09/10/20 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		70 - 130	09/05/20 16:32	09/10/20 17:58	1
4-Bromofluorobenzene (Surr)	74		70 - 130	09/05/20 16:32	09/10/20 17:58	1
Dibromofluoromethane (Surr)	114		70 - 130	09/05/20 16:32	09/10/20 17:58	1
Toluene-d8 (Surr)	109		70 - 130	09/05/20 16:32	09/10/20 17:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Acenaphthylene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Anthracene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Benzo[a]anthracene	ND		840	330	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Benzo[a]pyrene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Benzo[b]fluoranthene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Benzo[g,h,i]perylene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Benzo[k]fluoranthene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Chrysene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Dibenz(a,h)anthracene	ND		840	330	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Fluoranthene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Fluorene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Indeno[1,2,3-cd]pyrene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Naphthalene	ND		840	330	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Phenanthrene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5
Pyrene	ND		840	170	ug/Kg	☼	09/14/20 18:00	09/15/20 21:34	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	69		30 - 130	09/14/20 18:00	09/15/20 21:34	5
Nitrobenzene-d5 (Surr)	71		30 - 130	09/14/20 18:00	09/15/20 21:34	5
p-Terphenyl-d14 (Surr)	80		30 - 130	09/14/20 18:00	09/15/20 21:34	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		17	3.6	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1221 (2C)	ND		17	4.6	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1232 (2C)	ND		17	8.0	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1242 (2C)	ND		17	3.3	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1248 (2C)	ND		17	3.3	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1254 (2C)	ND		17	3.3	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1
PCB-1260 (2C)	ND		17	4.9	ug/Kg	☼	09/14/20 17:30	09/15/20 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	41	p	30 - 150	09/14/20 17:30	09/15/20 16:24	1
DCB Decachlorobiphenyl (Surr) (2C)	84		30 - 150	09/14/20 17:30	09/15/20 16:24	1
Tetrachloro-m-xylene (1C)	60		30 - 150	09/14/20 17:30	09/15/20 16:24	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2A

Lab Sample ID: 410-13167-7

Date Collected: 09/03/20 11:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 99.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (2C)	66		30 - 150	09/14/20 17:30	09/15/20 16:24	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	9200		5000	5000	mg/Kg	☆	09/10/20 16:19	09/11/20 17:05	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	112		40 - 140	09/10/20 16:19	09/11/20 17:05	100
o-terphenyl (Surr)	209	X	40 - 140	09/10/20 16:19	09/11/20 17:05	100

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	31	J	50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C12-C16 Aromatics (1C)	ND		50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C16-C21 Aliphatics (1C)	47	J	50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C16-C21 Aromatics (1C)	ND		50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C21-C36 Aromatic (1C)	81		50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C21-C40 Aliphatics (1C)	610		50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C10-C12 Aromatics (1C)	ND	* *1	50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1
C9-C12 Aliphatics (1C)	ND	*1	50	15	mg/Kg	☆	09/10/20 16:12	09/16/20 06:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	46		40 - 140	09/10/20 16:12	09/16/20 06:40	1
2-Bromonaphthalene (Surr) (1C)	75		40 - 140	09/10/20 16:12	09/16/20 06:40	1
2-Fluorobiphenyl (Surr) (1C)	76		40 - 140	09/10/20 16:12	09/16/20 06:40	1
o-terphenyl (Surr) (1C)	70		40 - 140	09/10/20 16:12	09/16/20 06:40	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	0.74		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluoroheptanoic acid	0.29	J	0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorooctanoic acid	0.31	J	0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorononanoic acid	ND		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorodecanoic acid	ND		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorotridecanoic acid	0.40	J	0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorotetradecanoic acid	ND		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorobutanesulfonic acid	ND		2.0	0.39	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorohexanesulfonic acid	ND		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorooctanesulfonic acid	0.41	J	0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluoroundecanoic acid	0.34	J	0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1
Perfluorododecanoic acid	ND		0.59	0.20	ng/g	☆	09/08/20 08:51	09/09/20 01:43	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	78		11 - 138	09/08/20 08:51	09/09/20 01:43	1
13C4 PFHpA	79		15 - 139	09/08/20 08:51	09/09/20 01:43	1
13C8 PFOA	81		21 - 133	09/08/20 08:51	09/09/20 01:43	1
13C9 PFNA	80		15 - 145	09/08/20 08:51	09/09/20 01:43	1
13C6 PFDA	80		21 - 134	09/08/20 08:51	09/09/20 01:43	1
13C7 PFUnA	84		15 - 138	09/08/20 08:51	09/09/20 01:43	1
13C2-PFDoDA	78		28 - 126	09/08/20 08:51	09/09/20 01:43	1
13C2 PFTeDA	83		10 - 138	09/08/20 08:51	09/09/20 01:43	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2A

Date Collected: 09/03/20 11:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-7

Matrix: Solid

Percent Solids: 99.6

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	83		23 - 130	09/08/20 08:51	09/09/20 01:43	1
13C3 PFHxS	81		24 - 136	09/08/20 08:51	09/09/20 01:43	1
13C8 PFOS	79		31 - 130	09/08/20 08:51	09/09/20 01:43	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	67	B	0.47	0.14	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Arsenic	3.5		2.8	1.1	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Cadmium	ND		0.47	0.094	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Chromium	26		1.4	0.17	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Lead	10		1.4	0.56	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Selenium	ND		4.7	1.4	mg/Kg	☆	09/08/20 17:25	09/14/20 11:28	1
Silver	ND		0.94	0.38	mg/Kg	☆	09/08/20 17:25	09/18/20 10:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.057	0.024	mg/Kg	☆	09/15/20 11:19	09/17/20 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.4		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	99.6		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: GW-2B

Date Collected: 09/03/20 11:45

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-8

Matrix: Solid

Percent Solids: 95.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		8.9	0.71	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Styrene	ND		8.9	0.71	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
cis-1,3-Dichloropropene	ND		8.9	0.71	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
trans-1,3-Dichloropropene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
1,4-Dichlorobenzene	ND		8.9	0.71	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
1,2-Dibromoethane	ND		8.9	0.71	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
1,2-Dichloroethane	ND		8.9	1.1	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
4-Methyl-2-pentanone	ND		18	1.8	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Methylcyclohexane	ND		8.9	1.1	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Toluene	ND		8.9	1.1	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Chlorobenzene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Cyclohexane	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
1,2,4-Trichlorobenzene	ND		18	8.9	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Dibromochloromethane	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Tetrachloroethene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Xylenes, Total	ND		18	2.5	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
cis-1,2-Dichloroethene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
trans-1,2-Dichloroethene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Methyl tertiary butyl ether	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
1,3-Dichlorobenzene	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
Carbon tetrachloride	ND		8.9	0.89	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1
2-Hexanone	ND		18	1.8	ug/Kg	☆	09/05/20 16:32	09/10/20 18:22	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2B

Lab Sample ID: 410-13167-8

Date Collected: 09/03/20 11:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 95.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	280		36	11	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Chloroform	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Benzene	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,1,1-Trichloroethane	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Bromomethane	ND		8.9	1.3	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Chloromethane	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Bromochloromethane	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Chloroethane	ND		8.9	1.8	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Vinyl chloride	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Methylene Chloride	ND		8.9	3.6	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Carbon disulfide	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Bromoform	ND		18	8.9	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Bromodichloromethane	ND		8.9	0.71	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,1-Dichloroethane	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,1-Dichloroethene	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Trichlorofluoromethane	ND		8.9	1.3	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Dichlorodifluoromethane	ND		8.9	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Freon 113	ND		18	1.1	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,2-Dichloropropane	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
2-Butanone	22		18	3.6	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,1,2-Trichloroethane	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Trichloroethene	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Methyl acetate	6.3 J		8.9	1.8	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,1,2,2-Tetrachloroethane	ND		8.9	0.71	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,2,3-Trichlorobenzene	ND		18	8.9	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
o-Xylene	ND		8.9	0.71	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,2-Dichlorobenzene	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
1,2-Dibromo-3-Chloropropane	ND		8.9	0.89	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
Isopropylbenzene	ND		8.9	0.71	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1
m&p-Xylene	ND		8.9	1.8	ug/Kg	☼	09/05/20 16:32	09/10/20 18:22	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	12	T J	ug/Kg	☼	2.29		09/05/20 16:32	09/10/20 18:22	1
Unknown	9.5	T J	ug/Kg	☼	4.22		09/05/20 16:32	09/10/20 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130	09/05/20 16:32	09/10/20 18:22	1
4-Bromofluorobenzene (Surr)	91		70 - 130	09/05/20 16:32	09/10/20 18:22	1
Dibromofluoromethane (Surr)	109		70 - 130	09/05/20 16:32	09/10/20 18:22	1
Toluene-d8 (Surr)	98		70 - 130	09/05/20 16:32	09/10/20 18:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Acenaphthylene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Anthracene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Benzo[a]anthracene	ND		87	35	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Benzo[a]pyrene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Benzo[b]fluoranthene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5
Benzo[g,h,i]perylene	ND		87	17	ug/Kg	☼	09/14/20 18:00	09/15/20 21:57	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2B

Lab Sample ID: 410-13167-8

Date Collected: 09/03/20 11:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 95.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Chrysene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Dibenz(a,h)anthracene	ND		87	35	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Fluoranthene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Fluorene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Indeno[1,2,3-cd]pyrene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Naphthalene	ND		87	35	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Phenanthrene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5
Pyrene	ND		87	17	ug/Kg	✱	09/14/20 18:00	09/15/20 21:57	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	65		30 - 130	09/14/20 18:00	09/15/20 21:57	5
Nitrobenzene-d5 (Surr)	60		30 - 130	09/14/20 18:00	09/15/20 21:57	5
p-Terphenyl-d14 (Surr)	66		30 - 130	09/14/20 18:00	09/15/20 21:57	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		18	3.8	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1221 (2C)	ND		18	4.8	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1232 (2C)	ND		18	8.3	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1242 (2C)	ND		18	3.4	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1248 (2C)	ND		18	3.4	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1254 (2C)	ND		18	3.4	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1
PCB-1260 (2C)	ND		18	5.1	ug/Kg	✱	09/14/20 17:30	09/15/20 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	41	p	30 - 150	09/14/20 17:30	09/15/20 16:34	1
DCB Decachlorobiphenyl (Surr) (2C)	93		30 - 150	09/14/20 17:30	09/15/20 16:34	1
Tetrachloro-m-xylene (1C)	65		30 - 150	09/14/20 17:30	09/15/20 16:34	1
Tetrachloro-m-xylene (2C)	64		30 - 150	09/14/20 17:30	09/15/20 16:34	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	150		52	52	mg/Kg	✱	09/10/20 16:19	09/11/20 16:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	85		40 - 140	09/10/20 16:19	09/11/20 16:41	5
o-terphenyl (Surr)	80		40 - 140	09/10/20 16:19	09/11/20 16:41	5

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	6.5	J	10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C12-C16 Aromatics (1C)	ND		10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C16-C21 Aliphatics (1C)	ND		10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C16-C21 Aromatics (1C)	ND		10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C21-C36 Aromatic (1C)	5.6	J	10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C21-C40 Aliphatics (1C)	84		10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C10-C12 Aromatics (1C)	ND	* *1	10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1
C9-C12 Aliphatics (1C)	ND	*1	10	3.1	mg/Kg	✱	09/10/20 16:12	09/16/20 07:20	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2B

Lab Sample ID: 410-13167-8

Date Collected: 09/03/20 11:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 95.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140	09/10/20 16:12	09/16/20 07:20	1
2-Bromonaphthalene (Surr) (1C)	72		40 - 140	09/10/20 16:12	09/16/20 07:20	1
2-Fluorobiphenyl (Surr) (1C)	75		40 - 140	09/10/20 16:12	09/16/20 07:20	1
o- terphenyl (Surr) (1C)	61		40 - 140	09/10/20 16:12	09/16/20 07:20	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.6		0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluoroheptanoic acid	0.48	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorooctanoic acid	0.38	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorononanoic acid	0.37	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorodecanoic acid	0.27	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorotridecanoic acid	1.0		0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorotetradecanoic acid	ND		0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorobutanesulfonic acid	ND		2.0	0.41	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorohexanesulfonic acid	0.35	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorooctanesulfonic acid	2.6		0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluoroundecanoic acid	4.3		0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Perfluorododecanoic acid	0.20	J	0.61	0.20	ng/g	☼	09/08/20 08:51	09/09/20 01:53	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	76		11 - 138				09/08/20 08:51	09/09/20 01:53	1
13C4 PFHpA	76		15 - 139				09/08/20 08:51	09/09/20 01:53	1
13C8 PFOA	81		21 - 133				09/08/20 08:51	09/09/20 01:53	1
13C9 PFNA	77		15 - 145				09/08/20 08:51	09/09/20 01:53	1
13C6 PFDA	80		21 - 134				09/08/20 08:51	09/09/20 01:53	1
13C7 PFUnA	85		15 - 138				09/08/20 08:51	09/09/20 01:53	1
13C2-PFDoDA	81		28 - 126				09/08/20 08:51	09/09/20 01:53	1
13C2 PFTeDA	79		10 - 138				09/08/20 08:51	09/09/20 01:53	1
13C3 PFBS	84		23 - 130				09/08/20 08:51	09/09/20 01:53	1
13C3 PFHxS	85		24 - 136				09/08/20 08:51	09/09/20 01:53	1
13C8 PFOS	82		31 - 130				09/08/20 08:51	09/09/20 01:53	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	230	B	0.51	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Arsenic	3.1		3.1	1.2	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Cadmium	ND		0.51	0.10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Chromium	29		1.5	0.18	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Lead	16		1.5	0.62	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Selenium	ND		5.1	1.5	mg/Kg	☆	09/08/20 17:25	09/14/20 11:32	1
Silver	ND		1.0	0.41	mg/Kg	☆	09/08/20 17:25	09/18/20 10:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.062	0.026	mg/Kg	☆	09/15/20 11:19	09/17/20 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.4		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	95.6		1.0	1.0	%			09/08/20 08:24	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: FB-2

Lab Sample ID: 410-13167-9

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorodecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluoroheptanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorohexanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorohexanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorononanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorooctanesulfonic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorooctanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		09/08/20 17:07	09/10/20 21:56	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	90		45 - 135				09/08/20 17:07	09/10/20 21:56	1
13C2-PFDoDA	92		20 - 148				09/08/20 17:07	09/10/20 21:56	1
13C4 PFHpA	88		34 - 143				09/08/20 17:07	09/10/20 21:56	1
13C3 PFHxS	90		38 - 144				09/08/20 17:07	09/10/20 21:56	1
13C5 PFHxA	86		30 - 143				09/08/20 17:07	09/10/20 21:56	1
13C9 PFNA	83		36 - 151				09/08/20 17:07	09/10/20 21:56	1
13C8 PFOA	90		37 - 141				09/08/20 17:07	09/10/20 21:56	1
13C2 PFTeDA	71		10 - 158				09/08/20 17:07	09/10/20 21:56	1
13C7 PFUnA	93		33 - 148				09/08/20 17:07	09/10/20 21:56	1
13C3 PFBS	82		11 - 191				09/08/20 17:07	09/10/20 21:56	1
13C8 PFOS	89		42 - 136				09/08/20 17:07	09/10/20 21:56	1

Client Sample ID: RB-2

Lab Sample ID: 410-13167-10

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorodecanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorododecanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluoroheptanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorohexanesulfonic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorohexanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorononanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorooctanesulfonic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorooctanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorotetradecanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluorotridecanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Perfluoroundecanoic acid	ND		1.7	0.42	ng/L		09/08/20 17:07	09/10/20 22:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	97		45 - 135				09/08/20 17:07	09/10/20 22:06	1
13C2-PFDoDA	106		20 - 148				09/08/20 17:07	09/10/20 22:06	1
13C4 PFHpA	96		34 - 143				09/08/20 17:07	09/10/20 22:06	1
13C3 PFHxS	98		38 - 144				09/08/20 17:07	09/10/20 22:06	1
13C5 PFHxA	98		30 - 143				09/08/20 17:07	09/10/20 22:06	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: RB-2

Lab Sample ID: 410-13167-10

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	87		36 - 151	09/08/20 17:07	09/10/20 22:06	1
13C8 PFOA	97		37 - 141	09/08/20 17:07	09/10/20 22:06	1
13C2 PFTeDA	99		10 - 158	09/08/20 17:07	09/10/20 22:06	1
13C7 PFUnA	103		33 - 148	09/08/20 17:07	09/10/20 22:06	1
13C3 PFBS	89		11 - 191	09/08/20 17:07	09/10/20 22:06	1
13C8 PFOS	90		42 - 136	09/08/20 17:07	09/10/20 22:06	1

Client Sample ID: TB-2

Lab Sample ID: 410-13167-11

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/17/20 01:06	1
Styrene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/17/20 01:06	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/17/20 01:06	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/17/20 01:06	1
Toluene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Cyclohexane	ND		5.0	1.0	ug/L			09/17/20 01:06	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/17/20 01:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/17/20 01:06	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/17/20 01:06	1
2-Hexanone	ND		10	0.30	ug/L			09/17/20 01:06	1
Acetone	ND		20	0.70	ug/L			09/17/20 01:06	1
Chloroform	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Benzene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/17/20 01:06	1
Bromomethane	ND		1.0	0.30	ug/L			09/17/20 01:06	1
Chloromethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/17/20 01:06	1
Chloroethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/17/20 01:06	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/17/20 01:06	1
Bromoform	ND		4.0	1.0	ug/L			09/17/20 01:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 01:06	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: TB-2

Lab Sample ID: 410-13167-11

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Freon 113	ND		10	0.20	ug/L			09/17/20 01:06	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
2-Butanone	ND		10	0.30	ug/L			09/17/20 01:06	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Trichloroethene	ND		1.0	0.20	ug/L			09/17/20 01:06	1
Methyl acetate	ND		5.0	0.30	ug/L			09/17/20 01:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/17/20 01:06	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/17/20 01:06	1
o-Xylene	ND		1.0	0.40	ug/L			09/17/20 01:06	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/17/20 01:06	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/17/20 01:06	1
m&p-Xylene	ND		5.0	1.0	ug/L			09/17/20 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		09/17/20 01:06	1
4-Bromofluorobenzene (Surr)	97		70 - 130		09/17/20 01:06	1
Dibromofluoromethane (Surr)	93		70 - 130		09/17/20 01:06	1
Toluene-d8 (Surr)	102		70 - 130		09/17/20 01:06	1

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13167-3	S-5A	111	94	107	99
410-13167-4	S-5B	115	90	108	100
410-13167-5	GW-1A	112	91	107	101
410-13167-6	GW-1B	113	85	108	104
410-13167-7	GW-2A	122	74	114	109
410-13167-8	GW-2B	114	91	109	98
LCS 410-42478/4	Lab Control Sample	104	100	102	106
LCS 410-42829/4	Lab Control Sample	104	99	99	105
LCSD 410-42478/5	Lab Control Sample Dup	104	101	102	106
LCSD 410-42829/5	Lab Control Sample Dup	103	98	98	106
MB 410-42478/7	Method Blank	110	91	110	102
MB 410-42829/7	Method Blank	110	92	104	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13167-11	TB-2	95	97	93	102
LCS 410-44632/4	Lab Control Sample	96	99	92	102
MB 410-44632/6	Method Blank	97	95	93	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-130)	2FP (30-130)	TPHd14 (30-130)	PHL (30-130)	NBZ (30-130)	FBP (30-130)
410-13167-1	S-4A	87	76	86	82	77	81
410-13167-2	S-4B	97	81	85	85	79	85
410-13167-3	S-5A	60	60	68	66	61	64
410-13167-4	S-5B	69	58	79	65	56	67
410-13167-5	GW-1A			80		68	75
410-13167-5 MS	GW-1A			75		67	70
410-13167-5 MSD	GW-1A			73		63	69
410-13167-6	GW-1B			81		69	74
410-13167-7	GW-2A			80		71	69
410-13167-8	GW-2B			66		60	65

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-130)	2FP (30-130)	TPHd14 (30-130)	PHL (30-130)	NBZ (30-130)	FBP (30-130)
LCS 410-42386/2-A	Lab Control Sample	86	69	81	73	69	76
LCS 410-43624/2-A	Lab Control Sample	74	79	80	78	71	75
MB 410-42386/1-A	Method Blank	91	75	91	78	71	76
MB 410-43624/1-A	Method Blank	72	75	88	74	72	74

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TFT-F1 (50-142)					
410-13167-5	GW-1A	119					
410-13167-6	GW-1B	96					
LCS 410-42185/5	Lab Control Sample	94					
LCSD 410-42185/6	Lab Control Sample Dup	96					
MB 410-42185/4	Method Blank	96					

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015D - Glycols- Direct Injection (GC/FID)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		14BD (10-143)					
410-13167-3	S-5A	17					
410-13167-3 MS	S-5A	32					
410-13167-3 MSD	S-5A	23					
410-13167-4	S-5B	1 X					
LCS 410-43945/2-A	Lab Control Sample	93					
MB 410-43945/1-A	Method Blank	58					

Surrogate Legend

14BD = Tetramethylene glycol (Surr)

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		OTP (42-143)					
410-13167-5	GW-1A	96					
410-13167-6	GW-1B	100					
LCS 410-43409/2-A	Lab Control Sample	114					

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Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-13167-1

Project/Site: TTN Site NJ

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTP (42-143)
MB 410-43409/1-A	Method Blank	105

Surrogate Legend

OTP = o- terphenyl (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-13167-1	S-4A	60	64	91	82
410-13167-2	S-4B	60	64	83	80
410-13167-5	GW-1A	108	113	92	82
410-13167-5 MS	GW-1A	113	117	93	84
410-13167-5 MSD	GW-1A	114	114	100	86
410-13167-6	GW-1B	110	117	89	84
410-13167-7	GW-2A	41 p	84	60	66
410-13167-8	GW-2B	41 p	93	65	64
LCS 410-42194/2-A	Lab Control Sample	91	105	102	106
LCS 410-43625/2-A	Lab Control Sample	132	124	105	92
MB 410-42194/1-A	Method Blank	92	100	99	100
MB 410-43625/1-A	Method Blank	104	101	80	70

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1COD (40-140)	OTP (40-140)
410-13167-1	S-4A	91	84
410-13167-1 MS	S-4A	66	80
410-13167-1 MSD	S-4A	75	90
410-13167-2	S-4B	85	79
410-13167-7	GW-2A	112	209 X
410-13167-8	GW-2B	85	80
LCS 410-42636/2-A	Lab Control Sample	72	81
LCSD 410-42636/3-A	Lab Control Sample Dup	69	81
MB 410-42636/1-A	Method Blank	91	85

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

OTP = o- terphenyl (Surr)

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	2BN1 (40-140)	FBP1 (40-140)	OTP1 (40-140)
410-13167-1	S-4A	78	80	70
410-13167-1 MS	S-4A	77	79	66
410-13167-1 MSD	S-4A	72	75	68
410-13167-2	S-4B	77	79	68
410-13167-7	GW-2A	75	76	70
410-13167-8	GW-2B	72	75	61
LCS 410-42631/2-C	Lab Control Sample	70	72	60
LCSD 410-42631/3-C	Lab Control Sample Dup	75	78	66
MB 410-42631/1-C	Method Blank	77	79	68

Surrogate Legend

2BN = 2-Bromonaphthalene (Surr)

FBP = 2-Fluorobiphenyl (Surr)

OTP = o-terphenyl (Surr)

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1COD1 (40-140)
410-13167-1	S-4A	44
410-13167-1 MS	S-4A	71
410-13167-1 MSD	S-4A	57
410-13167-2	S-4B	46
410-13167-7	GW-2A	46
410-13167-8	GW-2B	44
LCS 410-42631/2-B	Lab Control Sample	65
LCSD 410-42631/3-B	Lab Control Sample Dup	72
MB 410-42631/1-B	Method Blank	46

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 537 IDA - EPA 537 Isotope Dilution

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C5PHA (11-138)	C4PFHA (15-139)	C8PFOA (21-133)	C9PFNA (15-145)	C6PFDA (21-134)	13C7PUA (15-138)	PFDODA (28-126)	PFTDA (10-138)
410-13167-3	S-5A	72	71	76	80	85	94	90	85
410-13167-4	S-5B	69	64	69	70	73	75	73	77
410-13167-5	GW-1A	60	62	62	66	70	69	74	70
410-13167-6	GW-1B	65	61	67	65	66	66	66	71
410-13167-7	GW-2A	78	79	81	80	80	84	78	83
410-13167-8	GW-2B	76	76	81	77	80	85	81	79
LCS 410-41568/2-B	Lab Control Sample	85	84	88	86	88	88	85	90
LCSD 410-41568/3-B	Lab Control Sample Dup	98	92	99	95	100	99	99	98
MB 410-41568/1-B	Method Blank	91	87	94	96	97	97	97	96

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C3PFBS (23-130)	C3PFHS (24-136)	C8PFOS (31-130)
410-13167-3	S-5A	86	83	86
410-13167-4	S-5B	79	77	81
410-13167-5	GW-1A	77	75	77
410-13167-6	GW-1B	71	73	73
410-13167-7	GW-2A	83	81	79
410-13167-8	GW-2B	84	85	82
LCS 410-41568/2-B	Lab Control Sample	86	85	90
LCSD 410-41568/3-B	Lab Control Sample Dup	100	96	100
MB 410-41568/1-B	Method Blank	94	86	91

Surrogate Legend

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDODA = 13C2-PFDODA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
410-13167-9	FB-2	90	92	88	90	86	83	90	71
410-13167-10	RB-2	97	106	96	98	98	87	97	99
LCS 410-41754/2-A	Lab Control Sample	87	96	88	86	85	79	92	88
LCSD 410-41754/3-A	Lab Control Sample Dup	92	99	97	95	97	91	97	91
MB 410-41754/1-A	Method Blank	78	91	83	85	82	76	84	78

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)
410-13167-9	FB-2	93	82	89

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Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)
410-13167-10	RB-2	103	89	90
LCS 410-41754/2-A	Lab Control Sample	86	81	87
LCSD 410-41754/3-A	Lab Control Sample Dup	92	92	91
MB 410-41754/1-A	Method Blank	82	77	83

Surrogate Legend

C6PFDA = 13C6 PFDA
PFDoDA = 13C2-PFDoDA
C4PFHA = 13C4 PFHpA
C3PFHS = 13C3 PFHxS
13C5PHA = 13C5 PFHxA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
PFTDA = 13C2 PFTeDA
13C7PUA = 13C7 PFUnA
C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-42478/7

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/10/20 11:34	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/10/20 11:34	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
2-Hexanone	ND		10	1.0	ug/Kg			09/10/20 11:34	1
Acetone	ND		20	6.0	ug/Kg			09/10/20 11:34	1
Benzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/10/20 11:34	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
Chloroform	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Bromoform	ND		10	5.0	ug/Kg			09/10/20 11:34	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Freon 113	ND		10	0.60	ug/Kg			09/10/20 11:34	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
2-Butanone	ND		10	2.0	ug/Kg			09/10/20 11:34	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/10/20 11:34	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Styrene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/10/20 11:34	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Toluene	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/10/20 11:34	1
Trichloroethene	ND		5.0	0.50	ug/Kg			09/10/20 11:34	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-42478/7

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/10/20 11:34	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/10/20 11:34	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/10/20 11:34	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/10/20 11:34	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/10/20 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		09/10/20 11:34	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/10/20 11:34	1
Dibromofluoromethane (Surr)	110		70 - 130		09/10/20 11:34	1
Toluene-d8 (Surr)	102		70 - 130		09/10/20 11:34	1

Lab Sample ID: LCS 410-42478/4

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	20.0	19.4		ug/Kg		97	70 - 130
1,2-Dichloroethane	20.0	22.7		ug/Kg		113	70 - 130
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	70 - 130
1,4-Dichlorobenzene	20.0	21.4		ug/Kg		107	70 - 130
4-Methyl-2-pentanone	100	90.3		ug/Kg		90	60 - 140
1,3-Dichlorobenzene	20.0	20.9		ug/Kg		105	70 - 130
2-Hexanone	100	95.6		ug/Kg		96	60 - 140
Acetone	150	205		ug/Kg		137	60 - 140
Benzene	20.0	20.6		ug/Kg		103	70 - 130
1,1,1-Trichloroethane	20.0	20.7		ug/Kg		104	70 - 130
Bromomethane	20.0	24.5		ug/Kg		123	60 - 140
Carbon tetrachloride	20.0	21.4		ug/Kg		107	70 - 130
Chlorobenzene	20.0	21.6		ug/Kg		108	70 - 130
Bromochloromethane	20.0	20.2		ug/Kg		101	70 - 130
Chloroethane	20.0	24.8		ug/Kg		124	60 - 140
Chloroform	20.0	21.8		ug/Kg		109	70 - 130
Chloromethane	20.0	23.7		ug/Kg		119	60 - 140
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	70 - 130
Carbon disulfide	20.0	23.1		ug/Kg		115	60 - 140
cis-1,3-Dichloropropene	20.0	17.7		ug/Kg		89	70 - 130
Bromoform	20.0	19.5		ug/Kg		98	70 - 130
Cyclohexane	20.0	17.3		ug/Kg		87	70 - 130
Bromodichloromethane	20.0	21.0		ug/Kg		105	70 - 130
Dibromochloromethane	20.0	20.9		ug/Kg		105	70 - 130
1,1-Dichloroethane	20.0	21.3		ug/Kg		107	70 - 130
1,1-Dichloroethene	20.0	20.9		ug/Kg		105	70 - 130
Ethylbenzene	20.0	20.0		ug/Kg		100	70 - 130
Dichlorodifluoromethane	20.0	17.6		ug/Kg		88	60 - 140
Freon 113	20.0	19.3		ug/Kg		96	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-42478/4

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	22.0		ug/Kg		110	70 - 130
2-Butanone	150	113		ug/Kg		76	60 - 140
Methyl tertiary butyl ether	20.0	16.7		ug/Kg		84	70 - 130
1,1,2-Trichloroethane	20.0	21.5		ug/Kg		107	70 - 130
Methylcyclohexane	20.0	17.0		ug/Kg		85	70 - 130
Methylene Chloride	20.0	21.1		ug/Kg		105	70 - 130
Methyl acetate	20.0	19.9		ug/Kg		99	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/Kg		99	70 - 130
Styrene	20.0	20.9		ug/Kg		104	70 - 130
1,2,3-Trichlorobenzene	20.0	18.1		ug/Kg		91	70 - 130
Tetrachloroethene	20.0	20.8		ug/Kg		104	70 - 130
o-Xylene	20.0	20.0		ug/Kg		100	70 - 130
Toluene	20.0	20.6		ug/Kg		103	70 - 130
1,2-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/Kg		92	60 - 140
trans-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	70 - 130
Isopropylbenzene	20.0	20.2		ug/Kg		101	70 - 130
Trichloroethene	20.0	20.2		ug/Kg		101	70 - 130
m&p-Xylene	40.0	43.2		ug/Kg		108	70 - 130
Trichlorofluoromethane	20.0	25.8		ug/Kg		129	60 - 140
Vinyl chloride	20.0	22.9		ug/Kg		114	70 - 130
Xylenes, Total	60.0	63.2		ug/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Lab Sample ID: LCSD 410-42478/5

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	20.0	19.7		ug/Kg		98	70 - 130	2	30
1,2-Dichloroethane	20.0	21.9		ug/Kg		110	70 - 130	3	30
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	70 - 130	0	30
1,4-Dichlorobenzene	20.0	21.0		ug/Kg		105	70 - 130	2	30
4-Methyl-2-pentanone	100	90.8		ug/Kg		91	60 - 140	1	30
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130	1	30
2-Hexanone	100	95.1		ug/Kg		95	60 - 140	0	30
Acetone	150	189		ug/Kg		126	60 - 140	8	30
Benzene	20.0	20.8		ug/Kg		104	70 - 130	1	30
1,1,1-Trichloroethane	20.0	20.5		ug/Kg		103	70 - 130	1	30
Bromomethane	20.0	24.3		ug/Kg		122	60 - 140	1	30
Carbon tetrachloride	20.0	20.9		ug/Kg		105	70 - 130	2	30
Chlorobenzene	20.0	21.4		ug/Kg		107	70 - 130	1	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-42478/5

Matrix: Solid

Analysis Batch: 42478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromochloromethane	20.0	20.6		ug/Kg		103	70 - 130	2	30
Chloroethane	20.0	25.0		ug/Kg		125	60 - 140	1	30
Chloroform	20.0	22.0		ug/Kg		110	70 - 130	1	30
Chloromethane	20.0	23.0		ug/Kg		115	60 - 140	3	30
cis-1,2-Dichloroethene	20.0	19.9		ug/Kg		99	70 - 130	1	30
Carbon disulfide	20.0	23.3		ug/Kg		117	60 - 140	1	30
cis-1,3-Dichloropropene	20.0	18.3		ug/Kg		92	70 - 130	3	30
Bromoform	20.0	19.8		ug/Kg		99	70 - 130	2	30
Cyclohexane	20.0	17.7		ug/Kg		88	70 - 130	2	30
Bromodichloromethane	20.0	21.3		ug/Kg		106	70 - 130	1	30
Dibromochloromethane	20.0	21.0		ug/Kg		105	70 - 130	0	30
1,1-Dichloroethane	20.0	21.7		ug/Kg		109	70 - 130	2	30
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	70 - 130	1	30
Ethylbenzene	20.0	20.1		ug/Kg		100	70 - 130	0	30
Dichlorodifluoromethane	20.0	17.4		ug/Kg		87	60 - 140	1	30
Freon 113	20.0	19.0		ug/Kg		95	70 - 130	1	30
1,2-Dichloropropane	20.0	22.1		ug/Kg		110	70 - 130	1	30
2-Butanone	150	113		ug/Kg		76	60 - 140	0	30
Methyl tertiary butyl ether	20.0	17.0		ug/Kg		85	70 - 130	2	30
1,1,2-Trichloroethane	20.0	21.9		ug/Kg		110	70 - 130	2	30
Methylcyclohexane	20.0	17.1		ug/Kg		85	70 - 130	1	30
Methylene Chloride	20.0	21.6		ug/Kg		108	70 - 130	2	30
Methyl acetate	20.0	19.7		ug/Kg		99	70 - 130	1	30
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/Kg		98	70 - 130	1	30
Styrene	20.0	21.2		ug/Kg		106	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	18.1		ug/Kg		90	70 - 130	0	30
Tetrachloroethene	20.0	20.7		ug/Kg		103	70 - 130	1	30
o-Xylene	20.0	20.5		ug/Kg		103	70 - 130	2	30
Toluene	20.0	21.0		ug/Kg		105	70 - 130	2	30
1,2-Dichlorobenzene	20.0	21.1		ug/Kg		106	70 - 130	0	30
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	18.2		ug/Kg		91	60 - 140	1	30
trans-1,3-Dichloropropene	20.0	20.1		ug/Kg		100	70 - 130	4	30
Isopropylbenzene	20.0	20.4		ug/Kg		102	70 - 130	1	30
Trichloroethene	20.0	20.2		ug/Kg		101	70 - 130	0	30
m&p-Xylene	40.0	43.8		ug/Kg		109	70 - 130	1	30
Trichlorofluoromethane	20.0	25.6		ug/Kg		128	60 - 140	1	30
Vinyl chloride	20.0	22.8		ug/Kg		114	70 - 130	0	30
Xylenes, Total	60.0	64.3		ug/Kg		107	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
Toluene-d8 (Surr)	106		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-42829/7

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/11/20 09:23	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
1,4-Dioxane	ND		250	37	ug/Kg			09/11/20 09:23	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/11/20 09:23	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
2-Hexanone	ND		10	1.0	ug/Kg			09/11/20 09:23	1
Acetone	10.2	J	20	6.0	ug/Kg			09/11/20 09:23	1
Benzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/11/20 09:23	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
Chloroform	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Bromoform	ND		10	5.0	ug/Kg			09/11/20 09:23	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Freon 113	ND		10	0.60	ug/Kg			09/11/20 09:23	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
2-Butanone	ND		10	2.0	ug/Kg			09/11/20 09:23	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/11/20 09:23	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Styrene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/11/20 09:23	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Toluene	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-42829/7

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/11/20 09:23	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/11/20 09:23	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/11/20 09:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		09/11/20 09:23	1
4-Bromofluorobenzene (Surr)	92		70 - 130		09/11/20 09:23	1
Dibromofluoromethane (Surr)	104		70 - 130		09/11/20 09:23	1
Toluene-d8 (Surr)	102		70 - 130		09/11/20 09:23	1

Lab Sample ID: LCS 410-42829/4

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	20.0	19.0		ug/Kg		95	70 - 130
1,2-Dichloroethane	20.0	20.6		ug/Kg		103	70 - 130
1,2,4-Trichlorobenzene	20.0	15.9		ug/Kg		80	70 - 130
1,4-Dichlorobenzene	20.0	20.3		ug/Kg		101	70 - 130
1,4-Dioxane	500	674		ug/Kg		135	60 - 140
4-Methyl-2-pentanone	100	92.6		ug/Kg		93	60 - 140
1,3-Dichlorobenzene	20.0	19.8		ug/Kg		99	70 - 130
2-Hexanone	100	98.6		ug/Kg		99	60 - 140
Acetone	150	190		ug/Kg		127	60 - 140
Benzene	20.0	20.2		ug/Kg		101	70 - 130
1,1,1-Trichloroethane	20.0	18.8		ug/Kg		94	70 - 130
Bromomethane	20.0	22.9		ug/Kg		115	60 - 140
Carbon tetrachloride	20.0	19.3		ug/Kg		96	70 - 130
Chlorobenzene	20.0	20.6		ug/Kg		103	70 - 130
Bromochloromethane	20.0	19.5		ug/Kg		97	70 - 130
Chloroethane	20.0	24.4		ug/Kg		122	60 - 140
Chloroform	20.0	20.5		ug/Kg		102	70 - 130
Chloromethane	20.0	23.2		ug/Kg		116	60 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/Kg		96	70 - 130
Carbon disulfide	20.0	22.9		ug/Kg		114	60 - 140
cis-1,3-Dichloropropene	20.0	17.5		ug/Kg		87	70 - 130
Bromoform	20.0	18.2		ug/Kg		91	70 - 130
Cyclohexane	20.0	18.1		ug/Kg		90	70 - 130
Bromodichloromethane	20.0	19.7		ug/Kg		99	70 - 130
Dibromochloromethane	20.0	20.2		ug/Kg		101	70 - 130
1,1-Dichloroethane	20.0	20.4		ug/Kg		102	70 - 130
1,1-Dichloroethene	20.0	20.1		ug/Kg		101	70 - 130
Ethylbenzene	20.0	19.4		ug/Kg		97	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-42829/4

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	20.0	16.5		ug/Kg		82	60 - 140
Freon 113	20.0	18.3		ug/Kg		91	70 - 130
1,2-Dichloropropane	20.0	21.6		ug/Kg		108	70 - 130
2-Butanone	150	114		ug/Kg		76	60 - 140
Methyl tertiary butyl ether	20.0	16.7		ug/Kg		84	70 - 130
1,1,2-Trichloroethane	20.0	21.3		ug/Kg		106	70 - 130
Methylcyclohexane	20.0	16.3		ug/Kg		82	70 - 130
Methylene Chloride	20.0	20.7		ug/Kg		103	70 - 130
Methyl acetate	20.0	17.9		ug/Kg		89	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/Kg		100	70 - 130
Styrene	20.0	20.2		ug/Kg		101	70 - 130
1,2,3-Trichlorobenzene	20.0	17.3		ug/Kg		87	70 - 130
Tetrachloroethene	20.0	19.1		ug/Kg		96	70 - 130
o-Xylene	20.0	19.5		ug/Kg		98	70 - 130
Toluene	20.0	20.3		ug/Kg		102	70 - 130
1,2-Dichlorobenzene	20.0	20.2		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	20.0	19.8		ug/Kg		99	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/Kg		86	60 - 140
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	70 - 130
Isopropylbenzene	20.0	19.0		ug/Kg		95	70 - 130
Trichloroethene	20.0	19.2		ug/Kg		96	70 - 130
m&p-Xylene	40.0	41.8		ug/Kg		105	70 - 130
Trichlorofluoromethane	20.0	23.9		ug/Kg		119	60 - 140
Vinyl chloride	20.0	22.7		ug/Kg		113	70 - 130
Xylenes, Total	60.0	61.3		ug/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 410-42829/5

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	20.0	19.0		ug/Kg		95	70 - 130	0	30
1,2-Dichloroethane	20.0	19.9		ug/Kg		99	70 - 130	4	30
1,2,4-Trichlorobenzene	20.0	16.1		ug/Kg		81	70 - 130	1	30
1,4-Dichlorobenzene	20.0	19.9		ug/Kg		100	70 - 130	2	30
1,4-Dioxane	500	720	*	ug/Kg		144	60 - 140	7	30
4-Methyl-2-pentanone	100	92.9		ug/Kg		93	60 - 140	0	30
1,3-Dichlorobenzene	20.0	19.7		ug/Kg		98	70 - 130	1	30
2-Hexanone	100	99.1		ug/Kg		99	60 - 140	1	30
Acetone	150	197		ug/Kg		132	60 - 140	4	30
Benzene	20.0	20.0		ug/Kg		100	70 - 130	1	30
1,1,1-Trichloroethane	20.0	18.2		ug/Kg		91	70 - 130	3	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-42829/5

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	20.0	21.9		ug/Kg		110	60 - 140	4	30
Carbon tetrachloride	20.0	18.5		ug/Kg		93	70 - 130	4	30
Chlorobenzene	20.0	20.2		ug/Kg		101	70 - 130	2	30
Bromochloromethane	20.0	19.0		ug/Kg		95	70 - 130	2	30
Chloroethane	20.0	23.2		ug/Kg		116	60 - 140	5	30
Chloroform	20.0	20.0		ug/Kg		100	70 - 130	2	30
Chloromethane	20.0	22.2		ug/Kg		111	60 - 140	5	30
cis-1,2-Dichloroethene	20.0	18.9		ug/Kg		94	70 - 130	2	30
Carbon disulfide	20.0	22.3		ug/Kg		111	60 - 140	3	30
cis-1,3-Dichloropropene	20.0	17.2		ug/Kg		86	70 - 130	2	30
Bromoform	20.0	17.9		ug/Kg		89	70 - 130	1	30
Cyclohexane	20.0	17.8		ug/Kg		89	70 - 130	1	30
Bromodichloromethane	20.0	19.6		ug/Kg		98	70 - 130	0	30
Dibromochloromethane	20.0	19.6		ug/Kg		98	70 - 130	3	30
1,1-Dichloroethane	20.0	20.4		ug/Kg		102	70 - 130	0	30
1,1-Dichloroethene	20.0	19.4		ug/Kg		97	70 - 130	4	30
Ethylbenzene	20.0	19.1		ug/Kg		95	70 - 130	2	30
Dichlorodifluoromethane	20.0	15.7		ug/Kg		79	60 - 140	5	30
Freon 113	20.0	17.7		ug/Kg		88	70 - 130	3	30
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 130	1	30
2-Butanone	150	112		ug/Kg		75	60 - 140	2	30
Methyl tertiary butyl ether	20.0	16.5		ug/Kg		82	70 - 130	2	30
1,1,2-Trichloroethane	20.0	21.0		ug/Kg		105	70 - 130	1	30
Methylcyclohexane	20.0	16.2		ug/Kg		81	70 - 130	1	30
Methylene Chloride	20.0	20.1		ug/Kg		101	70 - 130	3	30
Methyl acetate	20.0	17.9		ug/Kg		89	70 - 130	0	30
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/Kg		101	70 - 130	2	30
Styrene	20.0	19.9		ug/Kg		99	70 - 130	2	30
1,2,3-Trichlorobenzene	20.0	17.1		ug/Kg		86	70 - 130	1	30
Tetrachloroethene	20.0	18.3		ug/Kg		92	70 - 130	4	30
o-Xylene	20.0	19.2		ug/Kg		96	70 - 130	2	30
Toluene	20.0	20.0		ug/Kg		100	70 - 130	2	30
1,2-Dichlorobenzene	20.0	19.6		ug/Kg		98	70 - 130	3	30
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/Kg		86	60 - 140	1	30
trans-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	70 - 130	1	30
Isopropylbenzene	20.0	18.7		ug/Kg		93	70 - 130	1	30
Trichloroethene	20.0	19.0		ug/Kg		95	70 - 130	1	30
m&p-Xylene	40.0	40.6		ug/Kg		101	70 - 130	3	30
Trichlorofluoromethane	20.0	22.8		ug/Kg		114	60 - 140	5	30
Vinyl chloride	20.0	21.6		ug/Kg		108	70 - 130	5	30
Xylenes, Total	60.0	59.8		ug/Kg		100	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	106		70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-44632/6

Matrix: Water

Analysis Batch: 44632

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/16/20 22:32	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/16/20 22:32	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/16/20 22:32	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
2-Hexanone	ND		10	0.30	ug/L			09/16/20 22:32	1
Acetone	ND		20	0.70	ug/L			09/16/20 22:32	1
Benzene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/16/20 22:32	1
Bromomethane	ND		1.0	0.30	ug/L			09/16/20 22:32	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/16/20 22:32	1
Chloroethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Chloroform	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Chloromethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/16/20 22:32	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Bromoform	ND		4.0	1.0	ug/L			09/16/20 22:32	1
Cyclohexane	ND		5.0	1.0	ug/L			09/16/20 22:32	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Ethylbenzene	ND		1.0	0.40	ug/L			09/16/20 22:32	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Freon 113	ND		10	0.20	ug/L			09/16/20 22:32	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
2-Butanone	ND		10	0.30	ug/L			09/16/20 22:32	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/16/20 22:32	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/16/20 22:32	1
Methyl acetate	ND		5.0	0.30	ug/L			09/16/20 22:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Styrene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/16/20 22:32	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
o-Xylene	ND		1.0	0.40	ug/L			09/16/20 22:32	1
Toluene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/16/20 22:32	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/16/20 22:32	1
Trichloroethene	ND		1.0	0.20	ug/L			09/16/20 22:32	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-44632/6

Matrix: Water

Analysis Batch: 44632

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	1.0	ug/L			09/16/20 22:32	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/16/20 22:32	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/16/20 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		09/16/20 22:32	1
4-Bromofluorobenzene (Surr)	95		70 - 130		09/16/20 22:32	1
Dibromofluoromethane (Surr)	93		70 - 130		09/16/20 22:32	1
Toluene-d8 (Surr)	101		70 - 130		09/16/20 22:32	1

Lab Sample ID: LCS 410-44632/4

Matrix: Water

Analysis Batch: 44632

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	20.0	20.1		ug/L		101	70 - 130
1,2-Dichloroethane	20.0	20.4		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	20.5		ug/L		103	70 - 130
4-Methyl-2-pentanone	100	116		ug/L		116	60 - 140
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
2-Hexanone	100	120		ug/L		120	60 - 140
Acetone	150	132		ug/L		88	60 - 140
Benzene	20.0	22.0		ug/L		110	70 - 130
1,1,1-Trichloroethane	20.0	19.2		ug/L		96	70 - 130
Bromomethane	20.0	17.8		ug/L		89	60 - 140
Carbon tetrachloride	20.0	19.0		ug/L		95	70 - 130
Chlorobenzene	20.0	20.3		ug/L		101	70 - 130
Bromochloromethane	20.0	16.6		ug/L		83	70 - 130
Chloroethane	20.0	21.1		ug/L		105	60 - 140
Chloroform	20.0	20.5		ug/L		102	70 - 130
Chloromethane	20.0	19.1		ug/L		95	60 - 140
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	70 - 130
Carbon disulfide	20.0	21.2		ug/L		106	60 - 140
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	70 - 130
Bromoform	20.0	19.6		ug/L		98	70 - 130
Cyclohexane	20.0	21.8		ug/L		109	70 - 130
Bromodichloromethane	20.0	20.5		ug/L		103	70 - 130
Dibromochloromethane	20.0	20.0		ug/L		100	70 - 130
1,1-Dichloroethane	20.0	22.1		ug/L		110	70 - 130
1,1-Dichloroethene	20.0	20.8		ug/L		104	70 - 130
Ethylbenzene	20.0	21.8		ug/L		109	70 - 130
Dichlorodifluoromethane	20.0	14.0		ug/L		70	60 - 140
Freon 113	20.0	17.6		ug/L		88	70 - 130
1,2-Dichloropropane	20.0	23.2		ug/L		116	70 - 130
2-Butanone	150	174		ug/L		116	60 - 140
Methyl tertiary butyl ether	20.0	21.0		ug/L		105	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-44632/4

Matrix: Water

Analysis Batch: 44632

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	20.0	21.7		ug/L		109	70 - 130
Methylcyclohexane	20.0	18.1		ug/L		91	70 - 130
Methylene Chloride	20.0	19.4		ug/L		97	70 - 130
Methyl acetate	20.0	22.1		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	20.0	23.4		ug/L		117	70 - 130
Styrene	20.0	20.5		ug/L		102	70 - 130
1,2,3-Trichlorobenzene	20.0	19.0		ug/L		95	70 - 130
Tetrachloroethene	20.0	17.7		ug/L		89	70 - 130
o-Xylene	20.0	20.2		ug/L		101	70 - 130
Toluene	20.0	21.4		ug/L		107	70 - 130
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	23.2		ug/L		116	60 - 140
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	70 - 130
Isopropylbenzene	20.0	20.8		ug/L		104	70 - 130
Trichloroethene	20.0	20.1		ug/L		101	70 - 130
m&p-Xylene	40.0	41.2		ug/L		103	70 - 130
Trichlorofluoromethane	20.0	17.4		ug/L		87	60 - 140
Vinyl chloride	20.0	18.7		ug/L		93	70 - 130
Xylenes, Total	60.0	61.4		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-42386/1-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
1,4-Dioxane	ND		330	100	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2-Chlorophenol	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-42386/1-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		67	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2-Nitroaniline	ND		50	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
2-Nitrophenol	ND		57	27	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
3-Nitroaniline	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Chloroaniline	ND		170	33	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Methylphenol	ND		50	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Nitroaniline	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
4-Nitrophenol	ND		500	170	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Acenaphthene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Acetophenone	ND		50	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Anthracene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Atrazine	ND		430	200	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzaldehyde	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Caprolactam	ND		170	33	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Carbazole	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Chrysene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Dibenzofuran	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Diethyl phthalate	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Fluoranthene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Fluorene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Hexachloroethane	ND		170	33	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Isophorone	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Naphthalene	ND		17	6.7	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Nitrobenzene	ND		67	27	ug/Kg		09/10/20 09:35	09/11/20 10:11	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-42386/1-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		170	67	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Phenanthrene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Phenol	ND		37	17	ug/Kg		09/10/20 09:35	09/11/20 10:11	1
Pyrene	ND		17	3.3	ug/Kg		09/10/20 09:35	09/11/20 10:11	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	271	T J	ug/Kg		1.00		09/10/20 09:35	09/11/20 10:11	1
Unknown	198	T J	ug/Kg		2.90		09/10/20 09:35	09/11/20 10:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		30 - 130	09/10/20 09:35	09/11/20 10:11	1
2-Fluorophenol (Surr)	75		30 - 130	09/10/20 09:35	09/11/20 10:11	1
p-Terphenyl-d14 (Surr)	91		30 - 130	09/10/20 09:35	09/11/20 10:11	1
Phenol-d5 (Surr)	78		30 - 130	09/10/20 09:35	09/11/20 10:11	1
Nitrobenzene-d5 (Surr)	71		30 - 130	09/10/20 09:35	09/11/20 10:11	1
2-Fluorobiphenyl (Surr)	76		30 - 130	09/10/20 09:35	09/11/20 10:11	1

Lab Sample ID: LCS 410-42386/2-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1370		ug/Kg		82	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1280		ug/Kg		77	70 - 130
1,4-Dioxane	1670	630		ug/Kg		38	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1030	*	ug/Kg		61	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1380		ug/Kg		83	70 - 130
2,4,5-Trichlorophenol	1670	1380		ug/Kg		83	20 - 160
2,4,6-Trichlorophenol	1670	1370		ug/Kg		82	20 - 160
2,4-Dichlorophenol	1670	1320		ug/Kg		79	70 - 130
2,4-Dimethylphenol	1670	1100	*	ug/Kg		66	70 - 130
2,4-Dinitrophenol	3340	2490		ug/Kg		74	20 - 160
2,4-Dinitrotoluene	1680	1370		ug/Kg		82	70 - 130
2,6-Dinitrotoluene	1680	1450		ug/Kg		86	70 - 130
2-Chloronaphthalene	1670	1230		ug/Kg		74	70 - 130
2-Chlorophenol	1670	1250		ug/Kg		75	70 - 130
2-Methylnaphthalene	1670	1290		ug/Kg		77	70 - 130
2-Methylphenol	1670	1300		ug/Kg		77	70 - 130
2-Nitroaniline	1670	1440		ug/Kg		86	20 - 160
2-Nitrophenol	1670	1260		ug/Kg		76	70 - 130
3,3'-Dichlorobenzidine	1670	1140	*	ug/Kg		68	70 - 130
3-Nitroaniline	1670	1480		ug/Kg		88	20 - 160
4,6-Dinitro-2-methylphenol	1670	1400		ug/Kg		84	20 - 160
4-Bromophenyl-phenylether	1680	1370		ug/Kg		82	70 - 130
4-Chloro-3-methylphenol	1670	1420		ug/Kg		85	20 - 160
4-Chlorophenyl-phenyl ether	1670	1340		ug/Kg		80	70 - 130
4-Chloroaniline	1670	919		ug/Kg		55	20 - 160
4-Methylphenol	1670	1190		ug/Kg		71	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-42386/2-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	1670	1070		ug/Kg		64	20 - 160
4-Nitrophenol	1670	1280		ug/Kg		77	20 - 160
Acenaphthylene	1670	1430		ug/Kg		85	70 - 130
Acenaphthene	1670	1300		ug/Kg		78	70 - 130
Acetophenone	1670	1210		ug/Kg		72	70 - 130
Anthracene	1670	1450		ug/Kg		87	70 - 130
Atrazine	1680	1490		ug/Kg		88	70 - 130
Benzaldehyde	1680	848	*	ug/Kg		50	70 - 130
Benzo[a]anthracene	1670	1340		ug/Kg		81	70 - 130
Benzo[a]pyrene	1670	1440		ug/Kg		86	70 - 130
Benzo[b]fluoranthene	1670	1470		ug/Kg		88	70 - 130
Benzo[g,h,i]perylene	1670	1470		ug/Kg		88	70 - 130
Benzo[k]fluoranthene	1670	1490		ug/Kg		89	70 - 130
Bis(2-chloroethoxy)methane	1680	1230		ug/Kg		73	70 - 130
Bis(2-chloroethyl)ether	1680	1250		ug/Kg		75	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1490		ug/Kg		89	70 - 130
Butylbenzylphthalate	1670	1490		ug/Kg		90	70 - 130
Caprolactam	1680	1440		ug/Kg		86	70 - 130
Carbazole	1670	1490		ug/Kg		89	70 - 130
Chrysene	1670	1330		ug/Kg		80	70 - 130
Di-n-butyl phthalate	1670	1510		ug/Kg		90	70 - 130
Di-n-octyl phthalate	1670	1640		ug/Kg		98	70 - 130
Dibenz(a,h)anthracene	1670	1570		ug/Kg		94	70 - 130
Dibenzofuran	1670	1330		ug/Kg		80	70 - 130
Dimethyl phthalate	1670	1340		ug/Kg		81	70 - 130
Diethyl phthalate	1670	1390		ug/Kg		84	70 - 130
Fluoranthene	1670	1420		ug/Kg		85	70 - 130
Fluorene	1670	1380		ug/Kg		82	70 - 130
Hexachlorobenzene	1670	1380		ug/Kg		83	70 - 130
Hexachlorobutadiene	1680	1160	*	ug/Kg		69	70 - 130
Hexachlorocyclopentadiene	3350	2080		ug/Kg		62	20 - 160
Hexachloroethane	1680	1150	*	ug/Kg		69	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1490		ug/Kg		89	70 - 130
Isophorone	1670	1210		ug/Kg		73	70 - 130
N-Nitrosodi-n-propylamine	1670	1170		ug/Kg		70	70 - 130
N-Nitrosodiphenylamine	1670	1440		ug/Kg		86	70 - 130
Naphthalene	1680	1250		ug/Kg		74	70 - 130
Nitrobenzene	1670	1210		ug/Kg		72	70 - 130
Pentachlorophenol	1680	1090		ug/Kg		65	20 - 160
Phenanthrene	1670	1450		ug/Kg		86	70 - 130
Phenol	1670	1270		ug/Kg		76	20 - 160
Pyrene	1680	1350		ug/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	86		30 - 130
2-Fluorophenol (Surr)	69		30 - 130
p-Terphenyl-d14 (Surr)	81		30 - 130
Phenol-d5 (Surr)	73		30 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-42386/2-A

Matrix: Solid

Analysis Batch: 42780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42386

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Nitrobenzene-d5 (Surr)	69		30 - 130
2-Fluorobiphenyl (Surr)	76		30 - 130

Lab Sample ID: MB 410-43624/1-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43624

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Acenaphthylene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Acenaphthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Anthracene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Chrysene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Fluorene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Naphthalene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Phenanthrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	
Pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
2,4,6-Tribromophenol (Surr)	72		30 - 130				09/14/20 18:00	09/15/20 14:08	1	
2-Fluorophenol (Surr)	75		30 - 130				09/14/20 18:00	09/15/20 14:08	1	
p-Terphenyl-d14 (Surr)	88		30 - 130				09/14/20 18:00	09/15/20 14:08	1	
Phenol-d5 (Surr)	74		30 - 130				09/14/20 18:00	09/15/20 14:08	1	
Nitrobenzene-d5 (Surr)	72		30 - 130				09/14/20 18:00	09/15/20 14:08	1	
2-Fluorobiphenyl (Surr)	74		30 - 130				09/14/20 18:00	09/15/20 14:08	1	

Lab Sample ID: LCS 410-43624/2-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43624

	Spike	LCS	LCS							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits		
2-Methylnaphthalene	1670	1380		ug/Kg		83		70 - 130		
Acenaphthylene	1670	1400		ug/Kg		84		70 - 130		
Acenaphthene	1670	1300		ug/Kg		78		70 - 130		
Anthracene	1670	1670		ug/Kg		100		70 - 130		
Benzo[a]anthracene	1670	1600		ug/Kg		96		70 - 130		
Benzo[a]pyrene	1670	1580		ug/Kg		94		70 - 130		
Benzo[b]fluoranthene	1670	1640		ug/Kg		98		70 - 130		
Benzo[g,h,i]perylene	1670	1580		ug/Kg		95		70 - 130		
Benzo[k]fluoranthene	1670	1580		ug/Kg		95		70 - 130		

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43624/2-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chrysene	1670	1550		ug/Kg		93	70 - 130
Dibenz(a,h)anthracene	1670	1700		ug/Kg		101	70 - 130
Fluoranthene	1670	1540		ug/Kg		92	70 - 130
Fluorene	1670	1390		ug/Kg		83	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1670		ug/Kg		100	70 - 130
Naphthalene	1680	1380		ug/Kg		82	70 - 130
Phenanthrene	1670	1630		ug/Kg		98	70 - 130
Pyrene	1680	1430		ug/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	74		30 - 130
2-Fluorophenol (Surr)	79		30 - 130
p-Terphenyl-d14 (Surr)	80		30 - 130
Phenol-d5 (Surr)	78		30 - 130
Nitrobenzene-d5 (Surr)	71		30 - 130
2-Fluorobiphenyl (Surr)	75		30 - 130

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	4.4	J	1770	1430		ug/Kg	✱	81	70 - 130
Acenaphthene	ND		1770	1300		ug/Kg	✱	73	70 - 130
Anthracene	3.9	J	1770	1630		ug/Kg	✱	92	70 - 130
Benzo[a]anthracene	12	J F2 F1	1770	1620		ug/Kg	✱	91	70 - 130
Benzo[a]pyrene	13	J F2 F1	1770	1530		ug/Kg	✱	86	70 - 130
Benzo[b]fluoranthene	17	J F2 F1	1770	1530		ug/Kg	✱	85	70 - 130
Benzo[g,h,i]perylene	ND	F2 F1	1770	1510		ug/Kg	✱	85	70 - 130
Benzo[k]fluoranthene	ND	F2	1770	1550		ug/Kg	✱	87	70 - 130
Chrysene	11	J F2 F1	1770	1580		ug/Kg	✱	89	70 - 130
Dibenz(a,h)anthracene	ND		1770	1650		ug/Kg	✱	93	70 - 130
Fluoranthene	14	J F2 F1	1770	1570		ug/Kg	✱	88	70 - 130
Fluorene	ND		1770	1400		ug/Kg	✱	79	70 - 130
Indeno[1,2,3-cd]pyrene	ND	F2 F1	1770	1610		ug/Kg	✱	91	70 - 130
Naphthalene	ND		1780	1350		ug/Kg	✱	76	70 - 130
Phenanthrene	5.6	J F2 F1	1770	1640		ug/Kg	✱	92	70 - 130
Pyrene	15	J F2 F1	1780	1420		ug/Kg	✱	79	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14 (Surr)	75		30 - 130
Nitrobenzene-d5 (Surr)	67		30 - 130
2-Fluorobiphenyl (Surr)	70		30 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	4.4	J	1770	1460		ug/Kg	✱	82	70 - 130	2	30
Acenaphthene	ND		1760	1260		ug/Kg	✱	71	70 - 130	3	30
Anthracene	3.9	J	1770	1980		ug/Kg	✱	112	70 - 130	19	30
Benzo[a]anthracene	12	J F2 F1	1760	3970	F1 F2	ug/Kg	✱	225	70 - 130	84	30
Benzo[a]pyrene	13	J F2 F1	1770	3090	F1 F2	ug/Kg	✱	174	70 - 130	68	30
Benzo[b]fluoranthene	17	J F2 F1	1770	4030	F1 F2	ug/Kg	✱	227	70 - 130	90	30
Benzo[g,h,i]perylene	ND	F2 F1	1760	2650	F1 F2	ug/Kg	✱	150	70 - 130	55	30
Benzo[k]fluoranthene	ND	F2	1760	2280	F2	ug/Kg	✱	129	70 - 130	38	30
Chrysene	11	J F2 F1	1760	3530	F1 F2	ug/Kg	✱	200	70 - 130	76	30
Dibenz(a,h)anthracene	ND		1770	1930		ug/Kg	✱	109	70 - 130	16	30
Fluoranthene	14	J F2 F1	1760	5460	E F1 F2	ug/Kg	✱	309	70 - 130	111	30
Fluorene	ND		1770	1370		ug/Kg	✱	78	70 - 130	2	30
Indeno[1,2,3-cd]pyrene	ND	F2 F1	1770	2780	F1 F2	ug/Kg	✱	157	70 - 130	53	30
Naphthalene	ND		1770	1320		ug/Kg	✱	74	70 - 130	2	30
Phenanthrene	5.6	J F2 F1	1770	2820	F1 F2	ug/Kg	✱	159	70 - 130	53	30
Pyrene	15	J F2 F1	1780	4150	F1 F2	ug/Kg	✱	234	70 - 130	98	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
p-Terphenyl-d14 (Surr)	73		30 - 130
Nitrobenzene-d5 (Surr)	63		30 - 130
2-Fluorobiphenyl (Surr)	69		30 - 130

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 410-42185/4

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.254	J	1.0	0.18	mg/Kg			09/09/20 18:59	25

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142		09/09/20 18:59	25

Lab Sample ID: LCS 410-42185/5

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (1C)	11.0	10.7		mg/Kg		97	60 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene (fid) (1C)	94		50 - 142

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCSD 410-42185/6

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (1C)	11.0	10.5		mg/Kg		96	60 - 132	2	30
Surrogate	%Recovery	LCSD Qualifier	Limits						
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142						

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 410-43945/1-A

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		10	5.0	mg/Kg			09/15/20 14:39	1
Surrogate	%Recovery	MB Qualifier	Limits						
Tetramethylene glycol (Surr)	58		10 - 143						

Lab Sample ID: LCS 410-43945/2-A

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Analyte											
Ethylene glycol			105	108		mg/Kg		103	61 - 130		
Surrogate			LCS %Recovery	LCS Qualifier	Limits						
Tetramethylene glycol (Surr)			93		10 - 143						

Lab Sample ID: 410-13167-3 MS

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: S-5A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylene glycol	ND		115	98.4		mg/Kg	☼	86	61 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
Tetramethylene glycol (Surr)	32		10 - 143								

Lab Sample ID: 410-13167-3 MSD

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: S-5A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene glycol	ND		115	97.9		mg/Kg	⊛	85	61 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
Tetramethylene glycol (Surr)	23		10 - 143								

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-43409/1-A

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		09/14/20 09:50	09/15/20 00:27	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	105		42 - 143				09/14/20 09:50	09/15/20 00:27	1

Lab Sample ID: LCS 410-43409/2-A

Matrix: Solid

Analysis Batch: 43692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	133	136		mg/Kg		102	76 - 117
Surrogate	%Recovery	LCS Qualifier	Limits				
o- terphenyl (Surr)	114		42 - 143				

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-42194/1-A

Matrix: Solid

Analysis Batch: 42541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/09/20 16:44	09/10/20 11:40	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	92		30 - 150				09/09/20 16:44	09/10/20 11:40	1
DCB Decachlorobiphenyl (Surr) (2C)	100		30 - 150				09/09/20 16:44	09/10/20 11:40	1
Tetrachloro-m-xylene (1C)	99		30 - 150				09/09/20 16:44	09/10/20 11:40	1
Tetrachloro-m-xylene (2C)	100		30 - 150				09/09/20 16:44	09/10/20 11:40	1

Lab Sample ID: LCS 410-42194/2-A

Matrix: Solid

Analysis Batch: 42541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	150		ug/Kg		90	40 - 140
PCB-1260 (1C)	167	152		ug/Kg		91	40 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr) (1C)	91		30 - 150				

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 410-42194/2-A

Matrix: Solid

Analysis Batch: 42541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42194

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (2C)	105		30 - 150
Tetrachloro-m-xylene (1C)	102		30 - 150
Tetrachloro-m-xylene (2C)	106		30 - 150

Lab Sample ID: MB 410-43625/1-A

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43625

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016 (2C)	ND		17	3.6	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1221 (2C)	ND		17	4.6	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1232 (2C)	ND		17	8.0	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1242 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1248 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1254 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1260 (2C)	ND		17	4.9	ug/Kg		09/14/20 17:30	09/15/20 15:21	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl (Surr) (1C)	104		30 - 150				09/14/20 17:30	09/15/20 15:21	1
DCB Decachlorobiphenyl (Surr) (2C)	101		30 - 150				09/14/20 17:30	09/15/20 15:21	1
Tetrachloro-m-xylene (1C)	80		30 - 150				09/14/20 17:30	09/15/20 15:21	1
Tetrachloro-m-xylene (2C)	70		30 - 150				09/14/20 17:30	09/15/20 15:21	1

Lab Sample ID: LCS 410-43625/2-A

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43625

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Added	Result	Qualifier					Limits
PCB-1016 (2C)	167	147		ug/Kg		88	40 - 140
PCB-1260 (2C)	167	182		ug/Kg		109	40 - 140

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	132		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	124		30 - 150
Tetrachloro-m-xylene (1C)	105		30 - 150
Tetrachloro-m-xylene (2C)	92		30 - 150

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 43625

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
Result	Qualifier	Added	Result	Qualifier					Limits
PCB-1016 (2C)	ND		175	140		ug/Kg	⊛	80	30 - 150
PCB-1260 (2C)	ND		175	179		ug/Kg	⊛	102	30 - 150

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 43625

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	113		30 - 150
(1C)			
DCB Decachlorobiphenyl (Surr)	117		30 - 150
(2C)			
Tetrachloro-m-xylene (1C)	93		30 - 150
Tetrachloro-m-xylene (2C)	84		30 - 150

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 43625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016 (2C)	ND		176	144		ug/Kg	✱	82	30 - 150	2	30
PCB-1260 (2C)	ND		176	176		ug/Kg	✱	100	30 - 150	2	30
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	114		30 - 150								
(1C)											
DCB Decachlorobiphenyl (Surr)	114		30 - 150								
(2C)											
Tetrachloro-m-xylene (1C)	100		30 - 150								
Tetrachloro-m-xylene (2C)	86		30 - 150								

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-42636/1-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/10/20 16:19	09/11/20 12:39	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctadecane (Surr)	91		40 - 140				09/10/20 16:19	09/11/20 12:39	1
o- terphenyl (Surr)	85		40 - 140				09/10/20 16:19	09/11/20 12:39	1

Lab Sample ID: LCS 410-42636/2-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42636

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Total EPH (C9-C40)		145	116		mg/Kg		80	40 - 140	
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
1-Chlorooctadecane (Surr)	72		40 - 140						
o- terphenyl (Surr)	81		40 - 140						

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-42636/3-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42636

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	145	120		mg/Kg		83	40 - 140	3	25
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctadecane (Surr)	69		40 - 140						
o-terphenyl (Surr)	81		40 - 140						

Lab Sample ID: 410-13167-1 MS

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: S-4A

Prep Type: Total/NA

Prep Batch: 42636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	63		155	199		mg/Kg	✱	88	40 - 140		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctadecane (Surr)	66		40 - 140								
o-terphenyl (Surr)	80		40 - 140								

Lab Sample ID: 410-13167-1 MSD

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: S-4A

Prep Type: Total/NA

Prep Batch: 42636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	63		159	205		mg/Kg	✱	90	40 - 140	3	50
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctadecane (Surr)	75		40 - 140								
o-terphenyl (Surr)	90		40 - 140								

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-42631/1-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C16-C21 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C21-C40 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C9-C12 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
Surrogate	%Recovery	MB Qualifier	Limits						
1-Chlorooctadecane (Surr) (1C)	46		40 - 140						
							Prepared	Analyzed	Dil Fac
							09/10/20 16:12	09/16/20 01:58	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 410-42631/1-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C16-C21 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C21-C36 Aromatic (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C10-C12 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Bromonaphthalene (Surr) (1C)	77		40 - 140	09/10/20 16:12	09/16/20 01:58	1
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140	09/10/20 16:12	09/16/20 01:58	1
o-terphenyl (Surr) (1C)	68		40 - 140	09/10/20 16:12	09/16/20 01:58	1

Lab Sample ID: LCS 410-42631/2-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aliphatics (1C)	8.05	4.93	J	mg/Kg		61	40 - 140
C16-C21 Aliphatics (1C)	12.0	8.19	J	mg/Kg		68	40 - 140
C21-C40 Aliphatics (1C)	40.2	24.0		mg/Kg		60	40 - 140
C9-C12 Aliphatics (1C)	12.1	4.79	J	mg/Kg		40	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	65		40 - 140

Lab Sample ID: LCS 410-42631/2-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aromatics (1C)	12.0	5.99	J	mg/Kg		50	40 - 140
C16-C21 Aromatics (1C)	20.0	15.3		mg/Kg		77	40 - 140
C21-C36 Aromatic (1C)	32.1	20.0		mg/Kg		62	40 - 140
C10-C12 Aromatics (1C)	8.01	ND	*	mg/Kg		36	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	70		40 - 140
2-Fluorobiphenyl (Surr) (1C)	72		40 - 140
o-terphenyl (Surr) (1C)	60		40 - 140

Lab Sample ID: LCSD 410-42631/3-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aliphatics (1C)	8.05	5.75	J	mg/Kg		71	40 - 140	15	25
C16-C21 Aliphatics (1C)	12.0	8.87	J	mg/Kg		74	40 - 140	8	25
C21-C40 Aliphatics (1C)	40.2	25.8		mg/Kg		64	40 - 140	7	25
C9-C12 Aliphatics (1C)	12.1	6.96	J *1	mg/Kg		58	40 - 140	37	25

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-42631/3-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42631

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	72		40 - 140

Lab Sample ID: LCSD 410-42631/3-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aromatics (1C)	12.0	7.46	J	mg/Kg		62	40 - 140	22	25
C16-C21 Aromatics (1C)	20.0	17.0		mg/Kg		85	40 - 140	10	25
C21-C36 Aromatic (1C)	32.1	21.7		mg/Kg		68	40 - 140	8	25
C10-C12 Aromatics (1C)	8.01	4.29	J *1	mg/Kg		54	40 - 140	39	25

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	75		40 - 140
2-Fluorobiphenyl (Surr) (1C)	78		40 - 140
o- terphenyl (Surr) (1C)	66		40 - 140

Lab Sample ID: 410-13167-1 MS

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: S-4A

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aliphatics (1C)	ND		8.62	6.27	J	mg/Kg	✱	73	40 - 140		
C12-C16 Aromatics (1C)	ND		12.9	7.87	J	mg/Kg	✱	61	40 - 140		
C16-C21 Aliphatics (1C)	ND		12.9	9.27	J	mg/Kg	✱	72	40 - 140		
C16-C21 Aromatics (1C)	ND		21.4	15.6		mg/Kg	✱	73	40 - 140		
C21-C36 Aromatic (1C)	3.9	J	34.3	27.0		mg/Kg	✱	68	40 - 140		
C21-C40 Aliphatics (1C)	7.5	J	43.0	32.9		mg/Kg	✱	59	40 - 140		
C10-C12 Aromatics (1C)	ND	* *1	8.57	4.37	J	mg/Kg	✱	51	40 - 140		
C9-C12 Aliphatics (1C)	ND	*1	12.9	6.74	J	mg/Kg	✱	52	40 - 140		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	71		40 - 140
2-Bromonaphthalene (Surr) (1C)	77		40 - 140
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140
o- terphenyl (Surr) (1C)	66		40 - 140

Lab Sample ID: 410-13167-1 MSD

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: S-4A

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aliphatics (1C)	ND		8.88	5.57	J	mg/Kg	✱	63	40 - 140	12	50
C12-C16 Aromatics (1C)	ND		13.2	8.32	J	mg/Kg	✱	63	40 - 140	6	50
C16-C21 Aliphatics (1C)	ND		13.3	8.63	J	mg/Kg	✱	65	40 - 140	7	50
C16-C21 Aromatics (1C)	ND		22.1	16.1		mg/Kg	✱	73	40 - 140	3	50
C21-C36 Aromatic (1C)	3.9	J	35.3	26.7		mg/Kg	✱	65	40 - 140	1	50
C21-C40 Aliphatics (1C)	7.5	J	44.3	25.9		mg/Kg	✱	42	40 - 140	24	50

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 410-13167-1 MSD

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: S-4A

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C12 Aromatics (1C)	ND	**1	8.82	4.13	J	mg/Kg	✖	47	40 - 140	6	50
C9-C12 Aliphatics (1C)	ND	*1	13.3	5.28	J	mg/Kg	✖	40	40 - 140	24	50
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctadecane (Surr) (1C)	57		40 - 140								
2-Bromonaphthalene (Surr) (1C)	72		40 - 140								
2-Fluorobiphenyl (Surr) (1C)	75		40 - 140								
o-terphenyl (Surr) (1C)	68		40 - 140								

Method: 537 IDA - EPA 537 Isotope Dilution

Lab Sample ID: MB 410-41568/1-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41568

Top Data: Free!									
Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Bottom Data: Free!									
Isotope Dilution	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
13C5 PFHxA	91		11 - 138				09/08/20 08:51	09/08/20 23:16	1
13C4 PFHpA	87		15 - 139				09/08/20 08:51	09/08/20 23:16	1
13C8 PFOA	94		21 - 133				09/08/20 08:51	09/08/20 23:16	1
13C9 PFNA	96		15 - 145				09/08/20 08:51	09/08/20 23:16	1
13C6 PFDA	97		21 - 134				09/08/20 08:51	09/08/20 23:16	1
13C7 PFUnA	97		15 - 138				09/08/20 08:51	09/08/20 23:16	1
13C2-PFDoDA	97		28 - 126				09/08/20 08:51	09/08/20 23:16	1
13C2 PFTeDA	96		10 - 138				09/08/20 08:51	09/08/20 23:16	1
13C3 PFBS	94		23 - 130				09/08/20 08:51	09/08/20 23:16	1
13C3 PFHxS	86		24 - 136				09/08/20 08:51	09/08/20 23:16	1
13C8 PFOS	91		31 - 130				09/08/20 08:51	09/08/20 23:16	1

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	25.0	23.7		ng/g		95	61 - 147
Perfluoroheptanoic acid	25.0	24.5		ng/g		98	61 - 151

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid	25.0	22.1		ng/g		88	62 - 144
Perfluorononanoic acid	25.0	23.9		ng/g		95	62 - 148
Perfluorodecanoic acid	25.0	24.6		ng/g		99	62 - 142
Perfluorotridecanoic acid	25.0	27.0		ng/g		108	57 - 152
Perfluorotetradecanoic acid	25.0	25.5		ng/g		102	60 - 147
Perfluorobutanesulfonic acid	22.1	21.2		ng/g		96	62 - 137
Perfluorohexanesulfonic acid	23.6	20.2		ng/g		85	57 - 135
Perfluorooctanesulfonic acid	23.9	19.1		ng/g		80	48 - 134
Perfluoroundecanoic acid	25.0	25.9		ng/g		104	62 - 144
Perfluorododecanoic acid	25.0	25.8		ng/g		103	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	85		11 - 138
13C4 PFHpA	84		15 - 139
13C8 PFOA	88		21 - 133
13C9 PFNA	86		15 - 145
13C6 PFDA	88		21 - 134
13C7 PFUnA	88		15 - 138
13C2-PFDoDA	85		28 - 126
13C2 PFTeDA	90		10 - 138
13C3 PFBS	86		23 - 130
13C3 PFHxS	85		24 - 136
13C8 PFOS	90		31 - 130

Lab Sample ID: LCSD 410-41568/3-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	22.9		ng/g		92	61 - 147	4	30
Perfluoroheptanoic acid	25.0	25.1		ng/g		101	61 - 151	2	30
Perfluorooctanoic acid	25.0	22.5		ng/g		90	62 - 144	2	30
Perfluorononanoic acid	25.0	23.8		ng/g		95	62 - 148	0	30
Perfluorodecanoic acid	25.0	22.7		ng/g		91	62 - 142	8	30
Perfluorotridecanoic acid	25.0	25.9		ng/g		104	57 - 152	4	30
Perfluorotetradecanoic acid	25.0	25.2		ng/g		101	60 - 147	1	30
Perfluorobutanesulfonic acid	22.1	20.1		ng/g		91	62 - 137	5	30
Perfluorohexanesulfonic acid	23.6	20.9		ng/g		89	57 - 135	4	30
Perfluorooctanesulfonic acid	23.9	18.2		ng/g		76	48 - 134	5	30
Perfluoroundecanoic acid	25.0	24.6		ng/g		98	62 - 144	5	30
Perfluorododecanoic acid	25.0	24.6		ng/g		98	60 - 147	5	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	98		11 - 138
13C4 PFHpA	92		15 - 139
13C8 PFOA	99		21 - 133
13C9 PFNA	95		15 - 145
13C6 PFDA	100		21 - 134
13C7 PFUnA	99		15 - 138

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCSD 410-41568/3-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41568

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C2-PFDoDA	99		28 - 126
13C2 PFTeDA	98		10 - 138
13C3 PFBS	100		23 - 130
13C3 PFHxS	96		24 - 136
13C8 PFOS	100		31 - 130

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Lab Sample ID: MB 410-41754/1-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41754

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1

Isotope Dilution	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C6 PFDA	78		45 - 135	09/08/20 17:07	09/10/20 21:07	1
13C2-PFDoDA	91		20 - 148	09/08/20 17:07	09/10/20 21:07	1
13C4 PFHpA	83		34 - 143	09/08/20 17:07	09/10/20 21:07	1
13C3 PFHxS	85		38 - 144	09/08/20 17:07	09/10/20 21:07	1
13C5 PFHxA	82		30 - 143	09/08/20 17:07	09/10/20 21:07	1
13C9 PFNA	76		36 - 151	09/08/20 17:07	09/10/20 21:07	1
13C8 PFOA	84		37 - 141	09/08/20 17:07	09/10/20 21:07	1
13C2 PFTeDA	78		10 - 158	09/08/20 17:07	09/10/20 21:07	1
13C7 PFUnA	82		33 - 148	09/08/20 17:07	09/10/20 21:07	1
13C3 PFBS	77		11 - 191	09/08/20 17:07	09/10/20 21:07	1
13C8 PFOS	83		42 - 136	09/08/20 17:07	09/10/20 21:07	1

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid	22.6	21.8		ng/L		96	70 - 130
Perfluorodecanoic acid	25.6	24.1		ng/L		94	70 - 130
Perfluorododecanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluorohexanesulfonic acid	24.2	20.8		ng/L		86	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	25.6	25.5		ng/L		99	70 - 130
Perfluorononanoic acid	25.6	24.0		ng/L		94	70 - 130
Perfluorooctanesulfonic acid	24.5	20.1		ng/L		82	70 - 130
Perfluorooctanoic acid	25.6	22.9		ng/L		89	70 - 130
Perfluorotetradecanoic acid	25.6	26.3		ng/L		103	70 - 130
Perfluorotridecanoic acid	25.6	23.5		ng/L		92	70 - 130
Perfluoroundecanoic acid	25.6	25.4		ng/L		99	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C6 PFDA	87		45 - 135
13C2-PFDoDA	96		20 - 148
13C4 PFHpA	88		34 - 143
13C3 PFHxS	86		38 - 144
13C5 PFHxA	85		30 - 143
13C9 PFNA	79		36 - 151
13C8 PFOA	92		37 - 141
13C2 PFTeDA	88		10 - 158
13C7 PFUnA	86		33 - 148
13C3 PFBS	81		11 - 191
13C8 PFOS	87		42 - 136

Lab Sample ID: LCSD 410-41754/3-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid	22.6	21.4		ng/L		94	70 - 130	2	30
Perfluorodecanoic acid	25.6	23.2		ng/L		90	70 - 130	4	30
Perfluorododecanoic acid	25.6	25.3		ng/L		99	70 - 130	2	30
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130	0	30
Perfluorohexanesulfonic acid	24.2	21.9		ng/L		90	70 - 130	5	30
Perfluorohexanoic acid	25.6	25.1		ng/L		98	70 - 130	1	30
Perfluorononanoic acid	25.6	22.9		ng/L		89	70 - 130	5	30
Perfluorooctanesulfonic acid	24.5	21.2		ng/L		87	70 - 130	5	30
Perfluorooctanoic acid	25.6	24.9		ng/L		97	70 - 130	9	30
Perfluorotetradecanoic acid	25.6	26.7		ng/L		104	70 - 130	2	30
Perfluorotridecanoic acid	25.6	23.4		ng/L		91	70 - 130	0	30
Perfluoroundecanoic acid	25.6	26.2		ng/L		102	70 - 130	3	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C6 PFDA	92		45 - 135
13C2-PFDoDA	99		20 - 148
13C4 PFHpA	97		34 - 143
13C3 PFHxS	95		38 - 144
13C5 PFHxA	97		30 - 143
13C9 PFNA	91		36 - 151
13C8 PFOA	97		37 - 141
13C2 PFTeDA	91		10 - 158
13C7 PFUnA	92		33 - 148

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LCSD 410-41754/3-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41754

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C3 PFBS	92		11 - 191
13C8 PFOS	91		42 - 136

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-41762/1-A

Matrix: Solid

Analysis Batch: 42859

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.6	1.6	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Aluminum	ND		18	9.7	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Barium	ND		0.46	0.14	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Beryllium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Cadmium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Calcium	ND		18	11	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Cobalt	ND		0.46	0.13	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Copper	ND		1.8	0.71	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Iron	ND		18	5.7	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Lead	ND		1.4	0.55	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Magnesium	ND		9.2	3.7	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Manganese	ND		0.92	0.48	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Nickel	ND		0.92	0.24	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Selenium	ND		4.6	1.4	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Silver	ND		0.92	0.37	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Sodium	ND		92	42	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Zinc	ND		1.8	0.92	mg/Kg		09/08/20 17:19	09/10/20 23:26	1
Vanadium	ND		0.92	0.39	mg/Kg		09/08/20 17:19	09/10/20 23:26	1

Lab Sample ID: MB 410-41762/1-A

Matrix: Solid

Analysis Batch: 43012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.6	1.6	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Aluminum	ND		18	9.7	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Arsenic	ND		2.8	1.1	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Barium	ND		0.46	0.14	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Beryllium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Cadmium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Calcium	ND		18	11	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Cobalt	ND		0.46	0.13	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Copper	ND		1.8	0.71	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Iron	ND		18	5.7	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Magnesium	ND		9.2	3.7	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Manganese	ND		0.92	0.48	mg/Kg		09/08/20 17:19	09/11/20 09:27	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-41762/1-A
Matrix: Solid
Analysis Batch: 43012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.92	0.24	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Selenium	ND		4.6	1.4	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Silver	ND		0.92	0.37	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Sodium	ND		92	42	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Zinc	ND		1.8	0.92	mg/Kg		09/08/20 17:19	09/11/20 09:27	1
Vanadium	ND		0.92	0.39	mg/Kg		09/08/20 17:19	09/11/20 09:27	1

Lab Sample ID: MB 410-41762/1-A
Matrix: Solid
Analysis Batch: 43481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.6	1.6	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Aluminum	ND		18	9.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Arsenic	ND		2.8	1.1	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Barium	ND		0.46	0.14	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Beryllium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Cadmium	ND		0.46	0.092	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Calcium	ND		18	11	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Cobalt	ND		0.46	0.13	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Copper	ND		1.8	0.71	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Iron	ND		18	5.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Lead	ND		1.4	0.55	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Magnesium	ND		9.2	3.7	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Manganese	ND		0.92	0.48	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Nickel	ND		0.92	0.24	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Selenium	ND		4.6	1.4	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Silver	ND		0.92	0.37	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Sodium	ND		92	42	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Thallium	ND		2.8	1.2	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Zinc	ND		1.8	0.92	mg/Kg		09/08/20 17:19	09/12/20 22:35	1
Vanadium	ND		0.92	0.39	mg/Kg		09/08/20 17:19	09/12/20 22:35	1

Lab Sample ID: LCS 410-41762/2-A
Matrix: Solid
Analysis Batch: 42859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.54	10.3		mg/Kg		108	80 - 120
Aluminum	37.8	36.5		mg/Kg		96	80 - 120
Barium	0.943	0.958		mg/Kg		102	80 - 120
Beryllium	0.936	0.929		mg/Kg		99	80 - 120
Cadmium	0.940	0.955		mg/Kg		102	80 - 120
Chromium	2.83	2.81		mg/Kg		99	80 - 120
Cobalt	0.943	0.885		mg/Kg		94	80 - 120
Copper	3.76	3.87		mg/Kg		103	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 42859

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	38.0	37.7		mg/Kg		99	80 - 120
Lead	2.83	2.71		mg/Kg		96	80 - 120
Manganese	1.88	1.98		mg/Kg		105	80 - 120
Nickel	191	196		mg/Kg		103	80 - 120
Selenium	9.51	9.43		mg/Kg		99	80 - 120
Silver	1.88	1.93		mg/Kg		103	80 - 120
Sodium	189	193		mg/Kg		102	80 - 120
Zinc	41.5	42.5		mg/Kg		102	80 - 120
Vanadium	1.88	1.83		mg/Kg		97	80 - 120

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 43012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.54	10.3		mg/Kg		108	80 - 120
Aluminum	37.8	35.7		mg/Kg		94	80 - 120
Arsenic	5.66	6.40		mg/Kg		113	80 - 120
Barium	0.943	1.01		mg/Kg		107	80 - 120
Beryllium	0.936	0.960		mg/Kg		103	80 - 120
Cadmium	0.940	0.935		mg/Kg		99	80 - 120
Calcium	37.8	44.5		mg/Kg		118	80 - 120
Chromium	2.83	2.88		mg/Kg		102	80 - 120
Cobalt	0.943	1.06		mg/Kg		112	80 - 120
Copper	3.76	4.01		mg/Kg		107	80 - 120
Iron	38.0	40.7		mg/Kg		107	80 - 120
Magnesium	18.9	19.6		mg/Kg		104	80 - 120
Manganese	1.88	2.01		mg/Kg		107	80 - 120
Nickel	191	201		mg/Kg		105	80 - 120
Selenium	9.51	9.05		mg/Kg		95	80 - 120
Silver	1.88	2.07		mg/Kg		110	80 - 120
Sodium	189	198		mg/Kg		105	80 - 120
Zinc	41.5	44.7		mg/Kg		108	80 - 120
Vanadium	1.88	1.85		mg/Kg		98	80 - 120

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.54	9.88		mg/Kg		104	80 - 120
Aluminum	37.8	39.9		mg/Kg		105	80 - 120
Arsenic	5.66	6.21		mg/Kg		110	80 - 120
Barium	0.943	1.02		mg/Kg		108	80 - 120
Beryllium	0.936	0.951		mg/Kg		102	80 - 120
Cadmium	0.940	0.959		mg/Kg		102	80 - 120
Calcium	37.8	44.2		mg/Kg		117	80 - 120
Chromium	2.83	2.92		mg/Kg		103	80 - 120
Cobalt	0.943	1.00		mg/Kg		106	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-41762/2-A

Matrix: Solid

Analysis Batch: 43481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	3.76	3.90		mg/Kg		104	80 - 120
Iron	38.0	38.9		mg/Kg		102	80 - 120
Lead	2.83	2.81		mg/Kg		99	80 - 120
Magnesium	18.9	19.4		mg/Kg		103	80 - 120
Manganese	1.88	2.01		mg/Kg		107	80 - 120
Nickel	191	200		mg/Kg		105	80 - 120
Potassium	528	527		mg/Kg		100	80 - 120
Selenium	9.51	9.13		mg/Kg		96	80 - 120
Sodium	189	193		mg/Kg		102	80 - 120
Thallium	5.75	6.21		mg/Kg		108	80 - 120
Zinc	41.5	42.0		mg/Kg		101	80 - 120
Vanadium	1.88	1.84		mg/Kg		98	80 - 120

Lab Sample ID: MB 410-41766/1-A

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.7	1.6	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Aluminum	ND		19	10	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Arsenic	ND		2.8	1.1	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Barium	0.244	J	0.47	0.14	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Beryllium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Cadmium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Calcium	ND		19	11	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Cobalt	ND		0.47	0.14	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Copper	ND		1.9	0.73	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Iron	ND		19	5.8	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Lead	ND		1.4	0.57	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Magnesium	ND		9.4	3.8	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Manganese	ND		0.94	0.49	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Nickel	ND		0.94	0.25	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Selenium	ND		4.7	1.4	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Sodium	ND		94	44	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Thallium	ND		2.8	1.2	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Zinc	ND		1.9	0.94	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Vanadium	ND		0.94	0.41	mg/Kg		09/08/20 17:25	09/14/20 10:42	1

Lab Sample ID: MB 410-41766/1-A

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.7	1.6	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Aluminum	ND		19	10	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Beryllium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Cadmium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/16/20 15:08	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-41766/1-A

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		19	11	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Cobalt	ND		0.47	0.14	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Copper	ND		1.9	0.73	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Iron	ND		19	5.8	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Lead	ND		1.4	0.57	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Magnesium	ND		9.4	3.8	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Manganese	ND		0.94	0.49	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Nickel	ND		0.94	0.25	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Selenium	ND	^	4.7	1.4	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Silver	ND		0.94	0.38	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Sodium	ND		94	44	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Thallium	ND	^	2.8	1.2	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Zinc	ND		1.9	0.94	mg/Kg		09/08/20 17:25	09/16/20 15:08	1
Vanadium	ND		0.94	0.41	mg/Kg		09/08/20 17:25	09/16/20 15:08	1

Lab Sample ID: MB 410-41766/1-A

Matrix: Solid

Analysis Batch: 45413

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.94	0.38	mg/Kg		09/08/20 17:25	09/18/20 09:46	1

Lab Sample ID: LCS 410-41766/2-A

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.27	9.93		mg/Kg		107	80 - 120
Aluminum	36.8	37.4		mg/Kg		102	80 - 120
Arsenic	5.50	6.51		mg/Kg		118	80 - 120
Barium	0.917	0.988		mg/Kg		108	80 - 120
Beryllium	0.910	0.942		mg/Kg		103	80 - 120
Cadmium	0.914	0.972		mg/Kg		106	80 - 120
Calcium	36.7	39.4		mg/Kg		107	80 - 120
Chromium	2.75	2.89		mg/Kg		105	80 - 120
Cobalt	0.917	1.02		mg/Kg		111	80 - 120
Copper	3.66	3.95		mg/Kg		108	80 - 120
Iron	36.9	39.0		mg/Kg		106	80 - 120
Lead	2.75	2.95		mg/Kg		107	80 - 120
Magnesium	18.3	19.4		mg/Kg		106	80 - 120
Manganese	1.83	1.95		mg/Kg		107	80 - 120
Nickel	185	201		mg/Kg		109	80 - 120
Potassium	514	531		mg/Kg		103	80 - 120
Selenium	9.25	9.87		mg/Kg		107	80 - 120
Sodium	183	192		mg/Kg		104	80 - 120
Thallium	5.59	5.82		mg/Kg		104	80 - 120
Zinc	40.3	44.1		mg/Kg		109	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-41766/2-A

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	1.83	1.80		mg/Kg		98	80 - 120

Lab Sample ID: LCS 410-41766/2-A

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.27	10.2		mg/Kg		110	80 - 120
Aluminum	36.8	39.7		mg/Kg		108	80 - 120
Barium	0.917	0.980		mg/Kg		107	80 - 120
Beryllium	0.910	0.908		mg/Kg		100	80 - 120
Cadmium	0.914	0.988		mg/Kg		108	80 - 120
Calcium	36.7	39.1		mg/Kg		106	80 - 120
Chromium	2.75	2.80		mg/Kg		102	80 - 120
Cobalt	0.917	0.994		mg/Kg		108	80 - 120
Copper	3.66	4.05		mg/Kg		111	80 - 120
Iron	36.9	39.3		mg/Kg		106	80 - 120
Lead	2.75	3.17		mg/Kg		115	80 - 120
Magnesium	18.3	19.7		mg/Kg		108	80 - 120
Manganese	1.83	1.93		mg/Kg		106	80 - 120
Nickel	185	201		mg/Kg		109	80 - 120
Potassium	514	513		mg/Kg		100	80 - 120
Silver	1.83	1.92		mg/Kg		105	80 - 120
Sodium	183	183		mg/Kg		100	80 - 120
Zinc	40.3	41.2		mg/Kg		102	80 - 120
Vanadium	1.83	1.93		mg/Kg		105	80 - 120

Lab Sample ID: LCS 410-41766/2-A

Matrix: Solid

Analysis Batch: 45413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.83	1.88		mg/Kg		103	80 - 120

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1 F2	8.53	2.30	J F1	mg/Kg	✱	27	75 - 125
Aluminum	23000		33.8	23400	4	mg/Kg	✱	-196	75 - 125
Arsenic	6.9		5.06	11.8		mg/Kg	✱	98	75 - 125
Barium	150	B	0.844	154	4	mg/Kg	✱	994	75 - 125
Beryllium	1.4		0.837	2.22		mg/Kg	✱	103	75 - 125
Cadmium	ND	F1	0.841	0.454	F1	mg/Kg	✱	54	75 - 125
Calcium	3200		33.8	2680	4	mg/Kg	✱	-1644	75 - 125
Chromium	39		2.53	41.2	4	mg/Kg	✱	104	75 - 125
Cobalt	11		0.844	13.0	4	mg/Kg	✱	197	75 - 125
Copper	26		3.36	30.5	4	mg/Kg	✱	128	75 - 125

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20		2.53	22.7	4	mg/Kg	✱	119	75 - 125
Magnesium	6400		16.9	7040	4	mg/Kg	✱	4037	75 - 125
Manganese	530		1.68	575	4	mg/Kg	✱	2790	75 - 125
Nickel	23		170	177		mg/Kg	✱	90	75 - 125
Potassium	4100		473	4910	4	mg/Kg	✱	162	75 - 125
Selenium	ND		8.51	7.43		mg/Kg	✱	87	75 - 125
Sodium	520	F1	169	432	F1	mg/Kg	✱	-53	75 - 125
Thallium	ND		5.14	5.10		mg/Kg	✱	99	75 - 125
Zinc	62		37.1	101		mg/Kg	✱	106	75 - 125
Vanadium	57		1.68	60.6	4	mg/Kg	✱	216	75 - 125

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1 F2	8.53	1.41	J F1	mg/Kg	✱	17	75 - 125
Aluminum	24000		33.8	23900	4	mg/Kg	✱	-544	75 - 125
Barium	140	B	0.844	150	4	mg/Kg	✱	928	75 - 125
Beryllium	1.3		0.837	2.12		mg/Kg	✱	101	75 - 125
Cadmium	0.25	J	0.841	0.952		mg/Kg	✱	83	75 - 125
Calcium	3200		33.8	2640	4	mg/Kg	✱	-1603	75 - 125
Chromium	38		2.53	40.3	4	mg/Kg	✱	105	75 - 125
Cobalt	11		0.844	12.5	4	mg/Kg	✱	190	75 - 125
Copper	23		3.36	27.7	4	mg/Kg	✱	127	75 - 125
Lead	17		2.53	19.9	4	mg/Kg	✱	117	75 - 125
Magnesium	6300		16.9	6920	4	mg/Kg	✱	3842	75 - 125
Manganese	530		1.68	571	4	mg/Kg	✱	2686	75 - 125
Nickel	23		170	174		mg/Kg	✱	88	75 - 125
Potassium	4100		473	4800	4	mg/Kg	✱	158	75 - 125
Silver	0.51	J ^	1.68	2.20		mg/Kg	✱	101	75 - 125
Sodium	510	F1	169	423	F1	mg/Kg	✱	-52	75 - 125
Zinc	56		37.1	94.3		mg/Kg	✱	103	75 - 125
Vanadium	55		1.68	59.0	4	mg/Kg	✱	217	75 - 125

Lab Sample ID: 410-13167-5 MS

Matrix: Solid

Analysis Batch: 45413

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		1.68	1.43		mg/Kg	✱	85	75 - 125

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1 F2	9.27	3.29	J F1 F2	mg/Kg	✱	35	75 - 125	35	20
Aluminum	23000		36.7	23500	4	mg/Kg	✱	18	75 - 125	0	20

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.9		5.50	12.1		mg/Kg	✱	95	75 - 125	2	20
Barium	150	B	0.917	145	4	mg/Kg	✱	-77	75 - 125	6	20
Beryllium	1.4		0.909	2.25		mg/Kg	✱	99	75 - 125	1	20
Cadmium	ND	F1	0.913	0.500	F1	mg/Kg	✱	55	75 - 125	10	20
Calcium	3200		36.7	3160	4	mg/Kg	✱	-200	75 - 125	17	20
Chromium	39		2.75	42.5	4	mg/Kg	✱	145	75 - 125	3	20
Cobalt	11		0.917	11.9	4	mg/Kg	✱	58	75 - 125	9	20
Copper	26		3.65	29.0	4	mg/Kg	✱	78	75 - 125	5	20
Lead	20		2.75	21.2	4	mg/Kg	✱	55	75 - 125	7	20
Magnesium	6400		18.3	6090	4	mg/Kg	✱	-1476	75 - 125	15	20
Manganese	530		1.83	514	4	mg/Kg	✱	-747	75 - 125	11	20
Nickel	23		185	187		mg/Kg	✱	88	75 - 125	6	20
Potassium	4100		513	4790	4	mg/Kg	✱	128	75 - 125	2	20
Selenium	ND		9.24	7.17		mg/Kg	✱	78	75 - 125	3	20
Sodium	520	F1	183	486	F1	mg/Kg	✱	-20	75 - 125	12	20
Thallium	ND		5.59	5.63		mg/Kg	✱	101	75 - 125	10	20
Zinc	62		40.3	95.9		mg/Kg	✱	85	75 - 125	5	20
Vanadium	57		1.83	60.0	4	mg/Kg	✱	167	75 - 125	1	20

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1 F2	9.27	3.24	J F1 F2	mg/Kg	✱	35	75 - 125	78	20
Aluminum	24000		36.7	24200	4	mg/Kg	✱	381	75 - 125	1	20
Barium	140	B	0.917	143	4	mg/Kg	✱	64	75 - 125	5	20
Beryllium	1.3		0.909	2.16		mg/Kg	✱	97	75 - 125	2	20
Cadmium	0.25	J	0.913	1.04		mg/Kg	✱	86	75 - 125	8	20
Calcium	3200		36.7	3130	4	mg/Kg	✱	-147	75 - 125	17	20
Chromium	38		2.75	41.9	4	mg/Kg	✱	155	75 - 125	4	20
Cobalt	11		0.917	11.6	4	mg/Kg	✱	81	75 - 125	7	20
Copper	23		3.65	26.6	4	mg/Kg	✱	86	75 - 125	4	20
Lead	17		2.75	19.4	4	mg/Kg	✱	90	75 - 125	2	20
Magnesium	6300		18.3	6030	4	mg/Kg	✱	-1314	75 - 125	14	20
Manganese	530		1.83	513	4	mg/Kg	✱	-699	75 - 125	11	20
Nickel	23		185	188		mg/Kg	✱	89	75 - 125	8	20
Potassium	4100		513	4730	4	mg/Kg	✱	130	75 - 125	2	20
Silver	0.51	J ^	1.83	2.35		mg/Kg	✱	101	75 - 125	7	20
Sodium	510	F1	183	478	F1	mg/Kg	✱	-17	75 - 125	12	20
Zinc	56		40.3	93.2		mg/Kg	✱	92	75 - 125	1	20
Vanadium	55		1.83	59.1	4	mg/Kg	✱	200	75 - 125	0	20

Lab Sample ID: 410-13167-5 MSD

Matrix: Solid

Analysis Batch: 45413

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		1.83	1.55		mg/Kg	✱	85	75 - 125	8	20

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13167-5 DU

Matrix: Solid

Analysis Batch: 43569

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	ND	F1 F2	ND		mg/Kg	✱	NC	20
Aluminum	23000		22200		mg/Kg	✱	6	20
Arsenic	6.9		7.32		mg/Kg	✱	6	20
Barium	150	B	128		mg/Kg	✱	13	20
Beryllium	1.4		1.22		mg/Kg	✱	10	20
Cadmium	ND	F1	ND		mg/Kg	✱	NC	20
Calcium	3200		2350	F3	mg/Kg	✱	32	20
Chromium	39		37.1		mg/Kg	✱	4	20
Cobalt	11		9.84		mg/Kg	✱	15	20
Copper	26		24.3		mg/Kg	✱	8	20
Lead	20		18.4		mg/Kg	✱	7	20
Magnesium	6400		5740		mg/Kg	✱	10	20
Manganese	530		433		mg/Kg	✱	20	20
Nickel	23		20.9		mg/Kg	✱	10	20
Potassium	4100		4000		mg/Kg	✱	3	20
Selenium	ND		ND		mg/Kg	✱	NC	20
Sodium	520	F1	245	F3	mg/Kg	✱	72	20
Thallium	ND		ND		mg/Kg	✱	NC	20
Zinc	62		59.2		mg/Kg	✱	4	20
Vanadium	57		52.1		mg/Kg	✱	9	20

Lab Sample ID: 410-13167-5 DU

Matrix: Solid

Analysis Batch: 44614

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Antimony	ND	F1 F2	ND		mg/Kg	✱	NC	20
Aluminum	24000		23300		mg/Kg	✱	3	20
Barium	140	B	127		mg/Kg	✱	11	20
Beryllium	1.3		1.15		mg/Kg	✱	10	20
Cadmium	0.25	J	0.311	J F5	mg/Kg	✱	21	20
Calcium	3200		2320	F3	mg/Kg	✱	31	20
Chromium	38		36.4		mg/Kg	✱	3	20
Cobalt	11		9.47		mg/Kg	✱	14	20
Copper	23		21.9		mg/Kg	✱	7	20
Lead	17		15.9		mg/Kg	✱	7	20
Magnesium	6300		5680		mg/Kg	✱	10	20
Manganese	530		432		mg/Kg	✱	19	20
Nickel	23		20.7		mg/Kg	✱	10	20
Potassium	4100		3930		mg/Kg	✱	3	20
Silver	0.51	J ^	0.532	J	mg/Kg	✱	5	20
Sodium	510	F1	233	F3	mg/Kg	✱	74	20
Zinc	56		54.4		mg/Kg	✱	3	20
Vanadium	55		51.0		mg/Kg	✱	8	20

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13167-5 DU

Matrix: Solid

Analysis Batch: 45413

Client Sample ID: GW-1A

Prep Type: Total/NA

Prep Batch: 41766

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	ND		ND		mg/Kg	☆	NC	20

Lab Sample ID: MB 410-43536/1-A

Matrix: Solid

Analysis Batch: 44590

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43536

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Chromium	ND		0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:10	09/16/20 13:53	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 13:53	1

Lab Sample ID: LCS 410-43536/2-A

Matrix: Solid

Analysis Batch: 44590

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0721		mg/L		120	80 - 120

Lab Sample ID: LCS 410-43536/2-A

Matrix: Solid

Analysis Batch: 45000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0100	0.00939		mg/L		94	80 - 120
Cadmium	0.00996	0.00995		mg/L		100	80 - 120
Chromium	0.0300	0.0298		mg/L		99	80 - 120
Lead	0.0300	0.0342		mg/L		114	80 - 120
Selenium	0.101	0.132	*	mg/L		131	80 - 120
Silver	0.0200	0.0214		mg/L		107	80 - 120

Lab Sample ID: MB 410-43544/1-A

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Chromium	0.00169	J	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:27	09/16/20 13:38	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 13:38	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-43544/1-A
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	^	0.030	0.016	mg/L		09/14/20 11:27	09/17/20 14:45	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/17/20 14:45	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/17/20 14:45	1
Chromium	ND		0.015	0.0016	mg/L		09/14/20 11:27	09/17/20 14:45	1
Lead	ND	^	0.015	0.0071	mg/L		09/14/20 11:27	09/17/20 14:45	1
Selenium	0.0215	J ^	0.050	0.016	mg/L		09/14/20 11:27	09/17/20 14:45	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/17/20 14:45	1

Lab Sample ID: LCS 410-43544/2-A
Matrix: Solid
Analysis Batch: 44579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0651		mg/L		109	80 - 120
Barium	0.0100	0.0108		mg/L		108	80 - 120
Cadmium	0.00996	0.0101		mg/L		101	80 - 120
Chromium	0.0300	0.0310		mg/L		103	80 - 120
Lead	0.0300	0.0295		mg/L		99	80 - 120
Selenium	0.101	0.115		mg/L		114	80 - 120
Silver	0.0200	0.0221		mg/L		111	80 - 120

Lab Sample ID: LCS 410-43544/2-A
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0855	* ^	mg/L		143	80 - 120
Barium	0.0100	0.00939		mg/L		94	80 - 120
Cadmium	0.00996	0.00995		mg/L		100	80 - 120
Chromium	0.0300	0.0317		mg/L		106	80 - 120
Lead	0.0300	0.0338	^	mg/L		113	80 - 120
Selenium	0.101	0.121	^	mg/L		120	80 - 120
Silver	0.0200	0.0211		mg/L		106	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-43557/1-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 19:52	1

Lab Sample ID: LCS 410-43557/2-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.16		ug/L		116	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 410-43562/1-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 21:36	1

Lab Sample ID: LCS 410-43562/2-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-43995/1-A
Matrix: Solid
Analysis Batch: 45072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.058	0.024	mg/Kg		09/15/20 11:19	09/17/20 15:51	1

Lab Sample ID: LCS 410-43995/2-A
Matrix: Solid
Analysis Batch: 45072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.189		mg/Kg		114	80 - 120

Lab Sample ID: MB 410-44011/1-A
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.059	0.025	mg/Kg		09/15/20 12:03	09/17/20 18:22	1

Lab Sample ID: LCS 410-44011/2-A
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.156	0.175		mg/Kg		112	80 - 120

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 410-43522/1
Matrix: Solid
Analysis Batch: 43522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	83.00		Degrees F		102	96.9 - 103.1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method (Continued)

Lab Sample ID: LCSD 410-43522/2

Matrix: Solid

Analysis Batch: 43522

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	81.0	82.00		Degrees F		101	96.9 - 103.1	1	4

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 410-44856/1-A

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:31	1

Lab Sample ID: LCS 410-44856/2-A

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		4	0 - 5.14

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 410-44856/1-A

Matrix: Solid

Analysis Batch: 44964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/17/20 08:30	09/17/20 12:22	1

Lab Sample ID: LCS 410-44856/25-A

Matrix: Solid

Analysis Batch: 44964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	466		mg/Kg		87	56 - 104

Method: 9045D - pH

Lab Sample ID: LCS 410-43200/1-A

Matrix: Solid

Analysis Batch: 43221

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		S.U.		101	95 - 105

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC/MS VOA

Prep Batch: 41392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	5035	
410-13167-4	S-5B	Total/NA	Solid	5035	
410-13167-5	GW-1A	Total/NA	Solid	5035	
410-13167-6	GW-1B	Total/NA	Solid	5035	
410-13167-7	GW-2A	Total/NA	Solid	5035	
410-13167-7 - RA	GW-2A	Total/NA	Solid	5035	
410-13167-8	GW-2B	Total/NA	Solid	5035	

Analysis Batch: 42478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	8260C	41392
410-13167-6	GW-1B	Total/NA	Solid	8260C	41392
410-13167-7	GW-2A	Total/NA	Solid	8260C	41392
410-13167-8	GW-2B	Total/NA	Solid	8260C	41392
MB 410-42478/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-42478/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-42478/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 42829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	8260C	41392
410-13167-4	S-5B	Total/NA	Solid	8260C	41392
MB 410-42829/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-42829/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-42829/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 43332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-7 - RA	GW-2A	Total/NA	Solid	8260C	41392
MB 410-43332/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-43332/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-43332/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 44632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-11	TB-2	Total/NA	Water	8260C	
MB 410-44632/6	Method Blank	Total/NA	Water	8260C	
LCS 410-44632/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 42386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3546	
410-13167-2	S-4B	Total/NA	Solid	3546	
MB 410-42386/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42386/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 42780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	8270D	42386

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC/MS Semi VOA (Continued)

Analysis Batch: 42780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-2	S-4B	Total/NA	Solid	8270D	42386
MB 410-42386/1-A	Method Blank	Total/NA	Solid	8270D	42386
LCS 410-42386/2-A	Lab Control Sample	Total/NA	Solid	8270D	42386

Prep Batch: 43624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	3546	
410-13167-4	S-5B	Total/NA	Solid	3546	
410-13167-5	GW-1A	Total/NA	Solid	3546	
410-13167-6	GW-1B	Total/NA	Solid	3546	
410-13167-7	GW-2A	Total/NA	Solid	3546	
410-13167-8	GW-2B	Total/NA	Solid	3546	
MB 410-43624/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43624/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13167-5 MS	GW-1A	Total/NA	Solid	3546	
410-13167-5 MSD	GW-1A	Total/NA	Solid	3546	

Analysis Batch: 43975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	8270D	43624
410-13167-4	S-5B	Total/NA	Solid	8270D	43624
410-13167-5	GW-1A	Total/NA	Solid	8270D	43624
410-13167-6	GW-1B	Total/NA	Solid	8270D	43624
410-13167-7	GW-2A	Total/NA	Solid	8270D	43624
410-13167-8	GW-2B	Total/NA	Solid	8270D	43624
MB 410-43624/1-A	Method Blank	Total/NA	Solid	8270D	43624
LCS 410-43624/2-A	Lab Control Sample	Total/NA	Solid	8270D	43624
410-13167-5 MS	GW-1A	Total/NA	Solid	8270D	43624
410-13167-5 MSD	GW-1A	Total/NA	Solid	8270D	43624

GC VOA

Prep Batch: 41391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	5035	
410-13167-6	GW-1B	Total/NA	Solid	5035	

Analysis Batch: 42185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	8015D	41391
410-13167-6	GW-1B	Total/NA	Solid	8015D	41391
MB 410-42185/4	Method Blank	Total/NA	Solid	8015D	
LCS 410-42185/5	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-42185/6	Lab Control Sample Dup	Total/NA	Solid	8015D	

Leach Batch: 43945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	DI Leach	
410-13167-4	S-5B	Total/NA	Solid	DI Leach	
MB 410-43945/1-A	Method Blank	Total/NA	Solid	DI Leach	
LCS 410-43945/2-A	Lab Control Sample	Total/NA	Solid	DI Leach	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC VOA (Continued)

Leach Batch: 43945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3 MS	S-5A	Total/NA	Solid	DI Leach	
410-13167-3 MSD	S-5A	Total/NA	Solid	DI Leach	

Analysis Batch: 44022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	8015D	43945
410-13167-4	S-5B	Total/NA	Solid	8015D	43945
MB 410-43945/1-A	Method Blank	Total/NA	Solid	8015D	43945
LCS 410-43945/2-A	Lab Control Sample	Total/NA	Solid	8015D	43945
410-13167-3 MS	S-5A	Total/NA	Solid	8015D	43945
410-13167-3 MSD	S-5A	Total/NA	Solid	8015D	43945

GC Semi VOA

Prep Batch: 42194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3546	
410-13167-2	S-4B	Total/NA	Solid	3546	
MB 410-42194/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42194/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 42541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	8082A	42194
410-13167-2	S-4B	Total/NA	Solid	8082A	42194
MB 410-42194/1-A	Method Blank	Total/NA	Solid	8082A	42194
LCS 410-42194/2-A	Lab Control Sample	Total/NA	Solid	8082A	42194

Prep Batch: 42631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3546	
410-13167-2	S-4B	Total/NA	Solid	3546	
410-13167-7	GW-2A	Total/NA	Solid	3546	
410-13167-8	GW-2B	Total/NA	Solid	3546	
MB 410-42631/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-42631/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13167-1 MS	S-4A	Total/NA	Solid	3546	
410-13167-1 MSD	S-4A	Total/NA	Solid	3546	

Prep Batch: 42636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3546	
410-13167-2	S-4B	Total/NA	Solid	3546	
410-13167-7	GW-2A	Total/NA	Solid	3546	
410-13167-8	GW-2B	Total/NA	Solid	3546	
MB 410-42636/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42636/2-A	Lab Control Sample	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC Semi VOA (Continued)

Prep Batch: 42636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-42636/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13167-1 MS	S-4A	Total/NA	Solid	3546	
410-13167-1 MSD	S-4A	Total/NA	Solid	3546	

Analysis Batch: 42895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	NJ EPH	42636
410-13167-2	S-4B	Total/NA	Solid	NJ EPH	42636
410-13167-7	GW-2A	Total/NA	Solid	NJ EPH	42636
410-13167-8	GW-2B	Total/NA	Solid	NJ EPH	42636
MB 410-42636/1-A	Method Blank	Total/NA	Solid	NJ EPH	42636
LCS 410-42636/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	42636
LCSD 410-42636/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	42636
410-13167-1 MS	S-4A	Total/NA	Solid	NJ EPH	42636
410-13167-1 MSD	S-4A	Total/NA	Solid	NJ EPH	42636

Prep Batch: 43409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	3546	
410-13167-6	GW-1B	Total/NA	Solid	3546	
MB 410-43409/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43409/2-A	Lab Control Sample	Total/NA	Solid	3546	

Cleanup Batch: 43413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3630C	42631
410-13167-1	S-4A	Total/NA	Solid	3630C	42631
410-13167-2	S-4B	Total/NA	Solid	3630C	42631
410-13167-2	S-4B	Total/NA	Solid	3630C	42631
410-13167-7	GW-2A	Total/NA	Solid	3630C	42631
410-13167-7	GW-2A	Total/NA	Solid	3630C	42631
410-13167-8	GW-2B	Total/NA	Solid	3630C	42631
410-13167-8	GW-2B	Total/NA	Solid	3630C	42631
MB 410-42631/1-B	Method Blank	Total/NA	Solid	3630C	42631
MB 410-42631/1-C	Method Blank	Total/NA	Solid	3630C	42631
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	3630C	42631
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	3630C	42631
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	42631
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	42631
410-13167-1 MS	S-4A	Total/NA	Solid	3630C	42631
410-13167-1 MS	S-4A	Total/NA	Solid	3630C	42631
410-13167-1 MSD	S-4A	Total/NA	Solid	3630C	42631
410-13167-1 MSD	S-4A	Total/NA	Solid	3630C	42631

Prep Batch: 43625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	3546	
410-13167-6	GW-1B	Total/NA	Solid	3546	
410-13167-7	GW-2A	Total/NA	Solid	3546	
410-13167-8	GW-2B	Total/NA	Solid	3546	
MB 410-43625/1-A	Method Blank	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC Semi VOA (Continued)

Prep Batch: 43625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-43625/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13167-5 MS	GW-1A	Total/NA	Solid	3546	
410-13167-5 MSD	GW-1A	Total/NA	Solid	3546	

Analysis Batch: 43692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	8015D	43409
410-13167-6	GW-1B	Total/NA	Solid	8015D	43409
MB 410-43409/1-A	Method Blank	Total/NA	Solid	8015D	43409
LCS 410-43409/2-A	Lab Control Sample	Total/NA	Solid	8015D	43409

Analysis Batch: 44197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	NJDEP EPH	43413
410-13167-2	S-4B	Total/NA	Solid	NJDEP EPH	43413
410-13167-7	GW-2A	Total/NA	Solid	NJDEP EPH	43413
410-13167-8	GW-2B	Total/NA	Solid	NJDEP EPH	43413
MB 410-42631/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	43413
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43413
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43413
410-13167-1 MS	S-4A	Total/NA	Solid	NJDEP EPH	43413
410-13167-1 MSD	S-4A	Total/NA	Solid	NJDEP EPH	43413

Analysis Batch: 44200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	NJDEP EPH	43413
410-13167-2	S-4B	Total/NA	Solid	NJDEP EPH	43413
410-13167-7	GW-2A	Total/NA	Solid	NJDEP EPH	43413
410-13167-8	GW-2B	Total/NA	Solid	NJDEP EPH	43413
MB 410-42631/1-B	Method Blank	Total/NA	Solid	NJDEP EPH	43413
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43413
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43413
410-13167-1 MS	S-4A	Total/NA	Solid	NJDEP EPH	43413
410-13167-1 MSD	S-4A	Total/NA	Solid	NJDEP EPH	43413

Analysis Batch: 44351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	8082A	43625
410-13167-6	GW-1B	Total/NA	Solid	8082A	43625
410-13167-7	GW-2A	Total/NA	Solid	8082A	43625
410-13167-8	GW-2B	Total/NA	Solid	8082A	43625
MB 410-43625/1-A	Method Blank	Total/NA	Solid	8082A	43625
LCS 410-43625/2-A	Lab Control Sample	Total/NA	Solid	8082A	43625
410-13167-5 MS	GW-1A	Total/NA	Solid	8082A	43625
410-13167-5 MSD	GW-1A	Total/NA	Solid	8082A	43625

Prep Batch: 47335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1 - RE	S-4A	Total/NA	Solid	3546	
410-13167-2 - RE	S-4B	Total/NA	Solid	3546	
410-13167-7 - RE	GW-2A	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

GC Semi VOA (Continued)

Prep Batch: 47335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-8 - RE	GW-2B	Total/NA	Solid	3546	
MB 410-47335/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13167-1 MS - RE	S-4A	Total/NA	Solid	3546	
410-13167-1 MSD - RE	S-4A	Total/NA	Solid	3546	

Cleanup Batch: 48734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1 - RE	S-4A	Total/NA	Solid	3630C	47335
410-13167-2 - RE	S-4B	Total/NA	Solid	3630C	47335
410-13167-7 - RE	GW-2A	Total/NA	Solid	3630C	47335
410-13167-8 - RE	GW-2B	Total/NA	Solid	3630C	47335
MB 410-47335/1-C	Method Blank	Total/NA	Solid	3630C	47335
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	3630C	47335
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	47335
410-13167-1 MS - RE	S-4A	Total/NA	Solid	3630C	47335
410-13167-1 MSD - RE	S-4A	Total/NA	Solid	3630C	47335

Analysis Batch: 49925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1 - RE	S-4A	Total/NA	Solid	NJDEP EPH	48734
410-13167-2 - RE	S-4B	Total/NA	Solid	NJDEP EPH	48734
410-13167-8 - RE	GW-2B	Total/NA	Solid	NJDEP EPH	48734
MB 410-47335/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	48734
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	48734
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	48734
410-13167-1 MS - RE	S-4A	Total/NA	Solid	NJDEP EPH	48734
410-13167-1 MSD - RE	S-4A	Total/NA	Solid	NJDEP EPH	48734

Analysis Batch: 50365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-7 - RE	GW-2A	Total/NA	Solid	NJDEP EPH	48734

LCMS

Prep Batch: 41568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	537 (mod)	
410-13167-4	S-5B	Total/NA	Solid	537 (mod)	
410-13167-5	GW-1A	Total/NA	Solid	537 (mod)	
410-13167-6	GW-1B	Total/NA	Solid	537 (mod)	
410-13167-7	GW-2A	Total/NA	Solid	537 (mod)	
410-13167-8	GW-2B	Total/NA	Solid	537 (mod)	
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 (mod)	
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 (mod)	
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 (mod)	

Cleanup Batch: 41642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	Extract Aliquot	41568

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

LCMS (Continued)

Cleanup Batch: 41642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-4	S-5B	Total/NA	Solid	Extract Aliquot	41568
410-13167-5	GW-1A	Total/NA	Solid	Extract Aliquot	41568
410-13167-6	GW-1B	Total/NA	Solid	Extract Aliquot	41568
410-13167-7	GW-2A	Total/NA	Solid	Extract Aliquot	41568
410-13167-8	GW-2B	Total/NA	Solid	Extract Aliquot	41568
MB 410-41568/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	41568
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	41568
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	41568

Prep Batch: 41754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-9	FB-2	Total/NA	Water	537 IDA	
410-13167-10	RB-2	Total/NA	Water	537 IDA	
MB 410-41754/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	537 IDA	
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	

Analysis Batch: 41807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	537 IDA	41642
410-13167-4	S-5B	Total/NA	Solid	537 IDA	41642
410-13167-5	GW-1A	Total/NA	Solid	537 IDA	41642
410-13167-6	GW-1B	Total/NA	Solid	537 IDA	41642
410-13167-7	GW-2A	Total/NA	Solid	537 IDA	41642
410-13167-8	GW-2B	Total/NA	Solid	537 IDA	41642
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 IDA	41642
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 IDA	41642
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 IDA	41642

Analysis Batch: 42549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-9	FB-2	Total/NA	Water	T-WI21398 ver4	41754
410-13167-10	RB-2	Total/NA	Water	T-WI21398 ver4	41754
MB 410-41754/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	41754
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	41754
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	41754

Metals

Prep Batch: 41762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	3050B	
410-13167-2	S-4B	Total/NA	Solid	3050B	
MB 410-41762/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 41766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	3050B	
410-13167-4	S-5B	Total/NA	Solid	3050B	
410-13167-5	GW-1A	Total/NA	Solid	3050B	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Metals (Continued)

Prep Batch: 41766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	Total/NA	Solid	3050B	
410-13167-7	GW-2A	Total/NA	Solid	3050B	
410-13167-8	GW-2B	Total/NA	Solid	3050B	
MB 410-41766/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	3050B	
410-13167-5 MS	GW-1A	Total/NA	Solid	3050B	
410-13167-5 MSD	GW-1A	Total/NA	Solid	3050B	
410-13167-5 DU	GW-1A	Total/NA	Solid	3050B	

Leach Batch: 42022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	TCLP	Solid	1311	
410-13167-6	GW-1B	TCLP	Solid	1311	

Analysis Batch: 42859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	6010D	41762
410-13167-2	S-4B	Total/NA	Solid	6010D	41762
MB 410-41762/1-A	Method Blank	Total/NA	Solid	6010D	41762
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	6010D	41762

Analysis Batch: 43012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	6010D	41762
410-13167-1	S-4A	Total/NA	Solid	6010D	41762
410-13167-2	S-4B	Total/NA	Solid	6010D	41762
410-13167-2	S-4B	Total/NA	Solid	6010D	41762
MB 410-41762/1-A	Method Blank	Total/NA	Solid	6010D	41762
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	6010D	41762

Analysis Batch: 43481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	6010D	41762
410-13167-2	S-4B	Total/NA	Solid	6010D	41762
MB 410-41762/1-A	Method Blank	Total/NA	Solid	6010D	41762
LCS 410-41762/2-A	Lab Control Sample	Total/NA	Solid	6010D	41762

Prep Batch: 43536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	TCLP	Solid	3010A	42022
MB 410-43536/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 43544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	TCLP	Solid	3010A	42022
MB 410-43544/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	3010A	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Metals

Prep Batch: 43557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	TCLP	Solid	7470A	42022
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 43562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	TCLP	Solid	7470A	42022
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 43569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	6010D	41766
410-13167-4	S-5B	Total/NA	Solid	6010D	41766
410-13167-5	GW-1A	Total/NA	Solid	6010D	41766
410-13167-6	GW-1B	Total/NA	Solid	6010D	41766
410-13167-7	GW-2A	Total/NA	Solid	6010D	41766
410-13167-8	GW-2B	Total/NA	Solid	6010D	41766
MB 410-41766/1-A	Method Blank	Total/NA	Solid	6010D	41766
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	6010D	41766
410-13167-5 MS	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 MSD	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 DU	GW-1A	Total/NA	Solid	6010D	41766

Analysis Batch: 43758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	TCLP	Solid	7470A	43562
410-13167-6	GW-1B	TCLP	Solid	7470A	43557
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	43557
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	43562
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	43557
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	43562

Prep Batch: 43995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	7471B	
410-13167-2	S-4B	Total/NA	Solid	7471B	
410-13167-3	S-5A	Total/NA	Solid	7471B	
410-13167-4	S-5B	Total/NA	Solid	7471B	
410-13167-6	GW-1B	Total/NA	Solid	7471B	
410-13167-7	GW-2A	Total/NA	Solid	7471B	
410-13167-8	GW-2B	Total/NA	Solid	7471B	
MB 410-43995/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-43995/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 44011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	7471B	
MB 410-44011/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-44011/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Metals

Analysis Batch: 44579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	TCLP	Solid	6010D	43544
MB 410-43544/1-A	Method Blank	Total/NA	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544

Analysis Batch: 44590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	TCLP	Solid	6010D	43536
MB 410-43536/1-A	Method Blank	Total/NA	Solid	6010D	43536
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	6010D	43536

Analysis Batch: 44614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-4	S-5B	Total/NA	Solid	6010D	41766
MB 410-41766/1-A	Method Blank	Total/NA	Solid	6010D	41766
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	6010D	41766
410-13167-5 MS	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 MSD	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 DU	GW-1A	Total/NA	Solid	6010D	41766

Analysis Batch: 45000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	TCLP	Solid	6010D	43536
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	6010D	43536

Analysis Batch: 45041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-43544/1-A	Method Blank	Total/NA	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544

Analysis Batch: 45072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	7471B	43995
410-13167-2	S-4B	Total/NA	Solid	7471B	43995
410-13167-3	S-5A	Total/NA	Solid	7471B	43995
410-13167-4	S-5B	Total/NA	Solid	7471B	43995
410-13167-6	GW-1B	Total/NA	Solid	7471B	43995
410-13167-7	GW-2A	Total/NA	Solid	7471B	43995
410-13167-8	GW-2B	Total/NA	Solid	7471B	43995
MB 410-43995/1-A	Method Blank	Total/NA	Solid	7471B	43995
LCS 410-43995/2-A	Lab Control Sample	Total/NA	Solid	7471B	43995

Analysis Batch: 45150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	7471B	44011
MB 410-44011/1-A	Method Blank	Total/NA	Solid	7471B	44011
LCS 410-44011/2-A	Lab Control Sample	Total/NA	Solid	7471B	44011

Analysis Batch: 45413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-3	S-5A	Total/NA	Solid	6010D	41766
410-13167-5	GW-1A	Total/NA	Solid	6010D	41766

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Metals (Continued)

Analysis Batch: 45413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-6	GW-1B	Total/NA	Solid	6010D	41766
410-13167-7	GW-2A	Total/NA	Solid	6010D	41766
410-13167-8	GW-2B	Total/NA	Solid	6010D	41766
MB 410-41766/1-A	Method Blank	Total/NA	Solid	6010D	41766
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	6010D	41766
410-13167-5 MS	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 MSD	GW-1A	Total/NA	Solid	6010D	41766
410-13167-5 DU	GW-1A	Total/NA	Solid	6010D	41766

General Chemistry

Analysis Batch: 41555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-1	S-4A	Total/NA	Solid	Moisture	
410-13167-2	S-4B	Total/NA	Solid	Moisture	
410-13167-3	S-5A	Total/NA	Solid	Moisture	
410-13167-4	S-5B	Total/NA	Solid	Moisture	
410-13167-5	GW-1A	Total/NA	Solid	Moisture	
410-13167-6	GW-1B	Total/NA	Solid	Moisture	
410-13167-7	GW-2A	Total/NA	Solid	Moisture	
410-13167-8	GW-2B	Total/NA	Solid	Moisture	

Leach Batch: 43200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Soluble	Solid	DI Leach	
410-13167-6	GW-1B	Soluble	Solid	DI Leach	
LCS 410-43200/1-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 43221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Soluble	Solid	9045D	43200
410-13167-6	GW-1B	Soluble	Solid	9045D	43200
LCS 410-43200/1-A	Lab Control Sample	Soluble	Solid	9045D	43200

Analysis Batch: 43522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	1010A	
410-13167-6	GW-1B	Total/NA	Solid	1010A	
LCS 410-43522/1	Lab Control Sample	Total/NA	Solid	1010A	
LCSD 410-43522/2	Lab Control Sample Dup	Total/NA	Solid	1010A	

Prep Batch: 44856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	7.3.4	
410-13167-6	GW-1B	Total/NA	Solid	7.3.4	
MB 410-44856/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

General Chemistry

Analysis Batch: 44964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	9034	44856
410-13167-6	GW-1B	Total/NA	Solid	9034	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9034	44856
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	9034	44856

Analysis Batch: 45193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13167-5	GW-1A	Total/NA	Solid	9012	44856
410-13167-6	GW-1B	Total/NA	Solid	9012	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9012	44856
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	9012	44856

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4A

Date Collected: 09/03/20 10:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-4A

Date Collected: 09/03/20 10:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-1

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42386	09/10/20 09:35	A2VL	ELLE
Total/NA	Analysis	8270D		1	42780	09/11/20 11:22	ULM3	ELLE
Total/NA	Prep	3546			42194	09/09/20 16:46	DN9W	ELLE
Total/NA	Analysis	8082A		1	42541	09/10/20 13:35	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	42895	09/11/20 14:16	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 03:59	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49925	10/02/20 04:52	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 03:59	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/10/20 23:51	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 09:33	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 09:37	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 22:49	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:38	UEFS	ELLE

Client Sample ID: S-4B

Date Collected: 09/03/20 10:45

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-4B

Lab Sample ID: 410-13167-2

Date Collected: 09/03/20 10:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			42386	09/10/20 09:35	A2VL	ELLE
Total/NA	Analysis	8270D		1	42780	09/11/20 11:45	ULM3	ELLE
Total/NA	Prep	3546			42194	09/09/20 16:46	DN9W	ELLE
Total/NA	Analysis	8082A		1	42541	09/10/20 13:46	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	42895	09/11/20 15:28	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 05:59	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49925	10/02/20 06:53	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 05:59	X875	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	42859	09/10/20 23:55	UCIG	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43012	09/11/20 09:40	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		5	43012	09/11/20 09:44	UPJE	ELLE
Total/NA	Prep	3050B			41762	09/08/20 17:19	UAMX	ELLE
Total/NA	Analysis	6010D		1	43481	09/12/20 22:53	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:40	UEFS	ELLE

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 10:06	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	43975	09/15/20 20:23	UWHS	ELLE
Total/NA	Leach	DI Leach			43945	09/15/20 09:57	LXF2	ELLE
Total/NA	Analysis	8015D		1	44022	09/15/20 15:18	LXF2	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: S-5A

Lab Sample ID: 410-13167-3

Date Collected: 09/03/20 09:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:04	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	45413	09/18/20 10:12	UPJE	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:10	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:47	UEFS	ELLE

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-5B

Lab Sample ID: 410-13167-4

Date Collected: 09/03/20 09:50

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 10:29	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43975	09/15/20 20:46	UWHS	ELLE
Total/NA	Leach	DI Leach			43945	09/15/20 09:57	LXF2	ELLE
Total/NA	Analysis	8015D		1	44022	09/15/20 16:36	LXF2	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:13	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 16:44	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:14	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:42	UEFS	ELLE

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43544	09/14/20 11:27	UAMX	ELLE
TCLP	Analysis	6010D		1	44579	09/16/20 14:34	UPJE	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	7470A			43562	09/14/20 12:09	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 22:02	UEFS	ELLE
Total/NA	Analysis	1010A		1	43522	09/14/20 13:07	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:48	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43200	09/12/20 10:36	UYB0	ELLE
Soluble	Analysis	9045D		1	43221	09/12/20 13:10	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-1A

Lab Sample ID: 410-13167-5

Date Collected: 09/03/20 13:30

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 17:12	CHT8	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43975	09/15/20 16:05	UWHS	ELLE
Total/NA	Prep	5035			41391	09/05/20 16:29	UK3O	ELLE
Total/NA	Analysis	8015D		250	42185	09/10/20 00:20	JJT8	ELLE
Total/NA	Prep	3546			43409	09/14/20 09:50	A2VL	ELLE
Total/NA	Analysis	8015D		1	43692	09/15/20 02:25	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:03	JC94	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:23	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	45413	09/18/20 09:52	UPJE	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 10:48	UKNC	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:26	UEFS	ELLE

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Date Collected: 09/03/20 13:40

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 14:45	UPJE	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Date Collected: 09/03/20 13:40

Matrix: Solid

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 12:58	UPJE	ELLE
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:14	UEFS	ELLE
Total/NA	Analysis	1010A		1	43522	09/14/20 13:07	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:50	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43200	09/12/20 10:36	UYB0	ELLE
Soluble	Analysis	9045D		1	43221	09/12/20 13:10	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-1B

Lab Sample ID: 410-13167-6

Date Collected: 09/03/20 13:40

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 17:35	CHT8	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43975	09/15/20 21:10	UWHS	ELLE
Total/NA	Prep	5035			41391	09/05/20 16:29	UK3O	ELLE
Total/NA	Analysis	8015D		25	42185	09/09/20 23:07	JJT8	ELLE
Total/NA	Prep	3546			43409	09/14/20 09:50	A2VL	ELLE
Total/NA	Analysis	8015D		1	43692	09/15/20 02:44	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:13	JC94	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:33	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	45413	09/18/20 10:15	UPJE	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:24	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:49	UEFS	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2A

Date Collected: 09/03/20 11:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-2A

Date Collected: 09/03/20 11:30

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-7

Matrix: Solid

Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 17:58	CHT8	ELLE
Total/NA	Prep	5035	RA		41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43332	09/14/20 01:37	Z6JB	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	43975	09/15/20 21:34	UWHS	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:24	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		100	42895	09/11/20 17:05	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 06:40	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	10	50365	10/02/20 21:05	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 06:40	X875	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:43	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	45413	09/18/20 10:25	UPJE	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:28	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:51	UEFS	ELLE

Client Sample ID: GW-2B

Date Collected: 09/03/20 11:45

Date Received: 09/04/20 18:11

Lab Sample ID: 410-13167-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: GW-2B

Lab Sample ID: 410-13167-8

Date Collected: 09/03/20 11:45

Matrix: Solid

Date Received: 09/04/20 18:11

Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41392	09/05/20 16:32	UK3O	ELLE
Total/NA	Analysis	8260C		1	42478	09/10/20 18:22	CHT8	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	43975	09/15/20 21:57	UWHS	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:34	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	42895	09/11/20 16:41	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 07:20	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49925	10/02/20 07:34	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 07:20	X875	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 01:53	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	45413	09/18/20 10:28	UPJE	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:32	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:53	UEFS	ELLE

Client Sample ID: FB-2

Lab Sample ID: 410-13167-9

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 21:56	MT26	ELLE

Client Sample ID: RB-2

Lab Sample ID: 410-13167-10

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 22:06	MT26	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Client Sample ID: TB-2

Lab Sample ID: 410-13167-11

Date Collected: 09/03/20 00:00

Matrix: Water

Date Received: 09/04/20 18:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	44632	09/17/20 01:06	ULCP	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
537 IDA	537 (mod)	Solid	Perfluorobutanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorodecanoic acid
537 IDA	537 (mod)	Solid	Perfluorododecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroheptanoic acid
537 IDA	537 (mod)	Solid	Perfluorohexanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorohexanoic acid
537 IDA	537 (mod)	Solid	Perfluorononanoic acid
537 IDA	537 (mod)	Solid	Perfluorooctanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorooctanoic acid
537 IDA	537 (mod)	Solid	Perfluorotetradecanoic acid
537 IDA	537 (mod)	Solid	Perfluorotridecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroundecanoic acid
8260C		Water	1,1,1-Trichloroethane
8260C		Water	1,1,2,2-Tetrachloroethane
8260C		Water	1,1,2-Trichloroethane
8260C		Water	1,1-Dichloroethane
8260C		Water	1,1-Dichloroethene
8260C		Water	1,2,3-Trichlorobenzene
8260C		Water	1,2,4-Trichlorobenzene
8260C		Water	1,2-Dibromo-3-Chloropropane
8260C		Water	1,2-Dibromoethane
8260C		Water	1,2-Dichlorobenzene
8260C		Water	1,2-Dichloroethane
8260C		Water	1,2-Dichloropropane
8260C		Water	1,3-Dichlorobenzene
8260C		Water	1,4-Dichlorobenzene
8260C		Water	2-Butanone
8260C		Water	2-Hexanone
8260C		Water	4-Methyl-2-pentanone
8260C		Water	Acetone
8260C		Water	Benzene
8260C		Water	Bromochloromethane
8260C		Water	Bromodichloromethane
8260C		Water	Bromoform
8260C		Water	Bromomethane
8260C		Water	Carbon disulfide
8260C		Water	Carbon tetrachloride
8260C		Water	Chlorobenzene
8260C		Water	Chloroethane
8260C		Water	Chloroform
8260C		Water	Chloromethane
8260C		Water	cis-1,2-Dichloroethene
8260C		Water	cis-1,3-Dichloropropene
8260C		Water	Cyclohexane
8260C		Water	Dibromochloromethane

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program	Identification Number	Expiration Date
New Jersey		NELAP	PA011	06-30-21
8260C		Water	Dichlorodifluoromethane	
8260C		Water	Ethylbenzene	
8260C		Water	Freon 113	
8260C		Water	Isopropylbenzene	
8260C		Water	m&p-Xylene	
8260C		Water	Methyl acetate	
8260C		Water	Methyl tertiary butyl ether	
8260C		Water	Methylcyclohexane	
8260C		Water	Methylene Chloride	
8260C		Water	o-Xylene	
8260C		Water	Styrene	
8260C		Water	Tetrachloroethene	
8260C		Water	Toluene	
8260C		Water	trans-1,2-Dichloroethene	
8260C		Water	trans-1,3-Dichloropropene	
8260C		Water	Trichloroethene	
8260C		Water	Trichlorofluoromethane	
8260C		Water	Vinyl chloride	
8260C		Water	Xylenes, Total	
8260C	5035	Solid	1,1,1-Trichloroethane	
8260C	5035	Solid	1,1,2,2-Tetrachloroethane	
8260C	5035	Solid	1,1,2-Trichloroethane	
8260C	5035	Solid	1,1-Dichloroethane	
8260C	5035	Solid	1,1-Dichloroethene	
8260C	5035	Solid	1,2,3-Trichlorobenzene	
8260C	5035	Solid	1,2,4-Trichlorobenzene	
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane	
8260C	5035	Solid	1,2-Dibromoethane	
8260C	5035	Solid	1,2-Dichlorobenzene	
8260C	5035	Solid	1,2-Dichloroethane	
8260C	5035	Solid	1,2-Dichloropropane	
8260C	5035	Solid	1,3-Dichlorobenzene	
8260C	5035	Solid	1,4-Dichlorobenzene	
8260C	5035	Solid	1,4-Dioxane	
8260C	5035	Solid	2-Butanone	
8260C	5035	Solid	2-Hexanone	
8260C	5035	Solid	4-Methyl-2-pentanone	
8260C	5035	Solid	Acetone	
8260C	5035	Solid	Benzene	
8260C	5035	Solid	Bromochloromethane	
8260C	5035	Solid	Bromodichloromethane	
8260C	5035	Solid	Bromoform	
8260C	5035	Solid	Bromomethane	
8260C	5035	Solid	Carbon disulfide	
8260C	5035	Solid	Carbon tetrachloride	
8260C	5035	Solid	Chlorobenzene	
8260C	5035	Solid	Chloroethane	
8260C	5035	Solid	Chloroform	
8260C	5035	Solid	Chloromethane	

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Cyclohexane
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dichlorodifluoromethane
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Freon 113
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m&p-Xylene
8260C	5035	Solid	Methyl acetate
8260C	5035	Solid	Methyl tertiary butyl ether
8260C	5035	Solid	Methylcyclohexane
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
8270D	3546	Solid	1,1'-Biphenyl
8270D	3546	Solid	1,2,4,5-Tetrachlorobenzene
8270D	3546	Solid	1,4-Dioxane
8270D	3546	Solid	2,2'-oxybis[1-chloropropane]
8270D	3546	Solid	2,3,4,6-Tetrachlorophenol
8270D	3546	Solid	2,4,5-Trichlorophenol
8270D	3546	Solid	2,4,6-Trichlorophenol
8270D	3546	Solid	2,4-Dichlorophenol
8270D	3546	Solid	2,4-Dimethylphenol
8270D	3546	Solid	2,4-Dinitrophenol
8270D	3546	Solid	2,4-Dinitrotoluene
8270D	3546	Solid	2,6-Dinitrotoluene
8270D	3546	Solid	2-Chloronaphthalene
8270D	3546	Solid	2-Chlorophenol
8270D	3546	Solid	2-Methylnaphthalene
8270D	3546	Solid	2-Methylphenol
8270D	3546	Solid	2-Nitroaniline
8270D	3546	Solid	2-Nitrophenol
8270D	3546	Solid	3,3'-Dichlorobenzidine
8270D	3546	Solid	3-Nitroaniline
8270D	3546	Solid	4,6-Dinitro-2-methylphenol
8270D	3546	Solid	4-Bromophenyl-phenylether
8270D	3546	Solid	4-Chloro-3-methylphenol
8270D	3546	Solid	4-Chloroaniline
8270D	3546	Solid	4-Chlorophenyl-phenyl ether
8270D	3546	Solid	4-Methylphenol

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21
8270D	3546	Solid	4-Nitroaniline
8270D	3546	Solid	4-Nitrophenol
8270D	3546	Solid	Acenaphthene
8270D	3546	Solid	Acenaphthylene
8270D	3546	Solid	Acetophenone
8270D	3546	Solid	Anthracene
8270D	3546	Solid	Atrazine
8270D	3546	Solid	Benzaldehyde
8270D	3546	Solid	Benzo[a]anthracene
8270D	3546	Solid	Benzo[a]pyrene
8270D	3546	Solid	Benzo[b]fluoranthene
8270D	3546	Solid	Benzo[g,h,i]perylene
8270D	3546	Solid	Benzo[k]fluoranthene
8270D	3546	Solid	Bis(2-chloroethoxy)methane
8270D	3546	Solid	Bis(2-chloroethyl)ether
8270D	3546	Solid	Bis(2-ethylhexyl) phthalate
8270D	3546	Solid	Butylbenzylphthalate
8270D	3546	Solid	Caprolactam
8270D	3546	Solid	Carbazole
8270D	3546	Solid	Chrysene
8270D	3546	Solid	Dibenz(a,h)anthracene
8270D	3546	Solid	Dibenzofuran
8270D	3546	Solid	Diethyl phthalate
8270D	3546	Solid	Dimethyl phthalate
8270D	3546	Solid	Di-n-butyl phthalate
8270D	3546	Solid	Di-n-octyl phthalate
8270D	3546	Solid	Fluoranthene
8270D	3546	Solid	Fluorene
8270D	3546	Solid	Hexachlorobenzene
8270D	3546	Solid	Hexachlorobutadiene
8270D	3546	Solid	Hexachlorocyclopentadiene
8270D	3546	Solid	Hexachloroethane
8270D	3546	Solid	Indeno[1,2,3-cd]pyrene
8270D	3546	Solid	Isophorone
8270D	3546	Solid	Naphthalene
8270D	3546	Solid	Nitrobenzene
8270D	3546	Solid	N-Nitrosodi-n-propylamine
8270D	3546	Solid	N-Nitrosodiphenylamine
8270D	3546	Solid	Pentachlorophenol
8270D	3546	Solid	Phenanthrene
8270D	3546	Solid	Phenol
8270D	3546	Solid	Pyrene
9012	7.3.4	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Eurofins Lancaster Laboratories Env, LLC

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8015D	Gasoline Range Organics (GRO) (GC)	SW846	ELLE
8015D	Glycols- Direct Injection (GC/FID)	SW846	ELLE
8015D	Diesel Range Organics (DRO) (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
NJ EPH	NJ EPH Extractable Petroleum Hydrocarbons	NJDEP	ELLE
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE
6010D	Metals (ICP)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	ELLE
9012	Cyanide, Reactive	SW846	ELLE
9034	Sulfide, Reactive	SW846	ELLE
9045D	pH	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1311	TCLP Extraction	SW846	ELLE
3010A	Preparation, Total Metals	SW846	ELLE
3050B	Preparation, Metals	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
3630C	Silica Gel Cleanup	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
537 (mod)	EPA 537 Isotope Dilution	EPA	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7.3.3	Cyanide, Reactive	SW846	ELLE
7.3.4	Sulfide, Reactive	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE
DI Leach	Deionized Water Leaching Procedure	ASTM	ELLE
DI Leach	Dionized Water Leaching Procedure	ASTM	ELLE
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE

Protocol References:

ASTM = ASTM International
 ELLE - Lancaster = Eurofins Lancaster, Facility Standard Operating Procedure.
 EPA = US Environmental Protection Agency
 NJDEP = New Jersey Department of Environmental Protection
 None = None
 SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13167-1	S-4A	Solid	09/03/20 10:30	09/04/20 18:11	
410-13167-2	S-4B	Solid	09/03/20 10:45	09/04/20 18:11	
410-13167-3	S-5A	Solid	09/03/20 09:45	09/04/20 18:11	
410-13167-4	S-5B	Solid	09/03/20 09:50	09/04/20 18:11	
410-13167-5	GW-1A	Solid	09/03/20 13:30	09/04/20 18:11	
410-13167-6	GW-1B	Solid	09/03/20 13:40	09/04/20 18:11	
410-13167-7	GW-2A	Solid	09/03/20 11:30	09/04/20 18:11	
410-13167-8	GW-2B	Solid	09/03/20 11:45	09/04/20 18:11	
410-13167-9	FB-2	Water	09/03/20 00:00	09/04/20 18:11	
410-13167-10	RB-2	Water	09/03/20 00:00	09/04/20 18:11	
410-13167-11	TB-2	Water	09/03/20 00:00	09/04/20 18:11	



Chain of Custody Record

eurofins

410-13167 Chain of Custody		Sender: <u>Matthew Patel</u>		Lab PM: <u>Williams, Marissa C.</u>		Carrier Tracking No(s):		CDC Ref: <u>410-6191-2804-S</u>																																																				
Jennifer Waters		Phone: <u>215-284-3161</u>		E-Mail: <u>marissawilliams@eurofins.com</u>				Page: <u>1 of 1</u> Page # of 20																																																				
Company: <u>Urban Engineers, Inc.</u>				Analysis Requested				Job #																																																				
Address: <u>550 Walnut St</u>		Due Date Requested:		<table border="1"> <tr><td>WFC_BA - PFAS</td><td>835AC_DKQF - TCL 2.3 VOCs</td><td>60130_DKQF, 80110_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>WFC_BA - PFAS</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs Analytical Gas</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs JET Fuel</td></tr> <tr><td>835AC_DKQF - VOCs Analytical Gas</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - VOCs JET Fuel</td><td>80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z</td><td>835AC_DKQF - 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PFAS	835AC_DKQF - TCL 2.3 VOCs	60130_DKQF, 80110_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	WFC_BA - PFAS	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs Analytical Gas	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	835AC_DKQF - VOCs Analytical Gas	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Acetone H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)	
WFC_BA - PFAS	835AC_DKQF - TCL 2.3 VOCs	60130_DKQF, 80110_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	WFC_BA - PFAS					80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs Analytical Gas	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel																																														
835AC_DKQF - VOCs Analytical Gas	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel					80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel																																															
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835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z					835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z	835AC_DKQF - VOCs JET Fuel	80130_DKQF, 8013A, 8013B, 8013C, 8013D, 8013E, 8013F, 8013G, 8013H, 8013I, 8013J, 8013K, 8013L, 8013M, 8013N, 8013O, 8013P, 8013Q, 8013R, 8013S, 8013T, 8013U, 8013V, 8013W, 8013X, 8013Y, 8013Z																																															
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City: <u>Philadelphia</u>		TAT Requested (days): <u>Standard</u>						Other:																																																				
State, Zip: <u>PA, 19106</u>		PO #: <u>Purchase Order Requested</u>						Special Instructions/Note:																																																				
Phone: <u>215-284-3161</u>		WOC #																																																										
Email: <u>jwaters@urbanengineers.com</u>		Project #																																																										
Project Name: <u>TTN Site NJ</u>		41003417																																																										
Site		SSOVR																																																										
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, G=soil, S=solid, L=liquid, G=gas, O=other, A=air)																																																				
								Total Number of Samples: <u>1</u>																																																				
S-4A		9/3/20		10:30A		G		S Water																																																				
S-4B				10:45A		G		S Water																																																				
S-5A				9:45A		G		S Water																																																				
S-5B				9:50A		G		S Water																																																				
GW-1A				11:30P		G		S Water																																																				
GW-1B				11:40P		G		S Water																																																				
GW-2A				11:20A		G		S Water																																																				
GW-2B				11:45P		G		S Water																																																				
FB-2						G		Water																																																				
RB-2						G		Water																																																				
TB-2						G		Water																																																				
		↓				G		Water																																																				
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																										
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ Return To Client ☐ Disposal By Lab ☒ Archive For <u>1</u> Months																																																										
Deliverable Requested I, II, III, IV, Other (specify)		Special Instructions/OC Requirements																																																										
Empty Kit Relinquished by: <u>[Signature]</u>		Date: <u>9/4/20</u> Time: <u>7:14A</u>		Company: <u>ELLE</u>		Received by: <u>[Signature]</u>		Date/Time: <u>9/4/20 1115</u> Company: <u>ELLE</u>																																																				
Relinquished by: <u>[Signature]</u>		Date/Time: <u>9/4/20 1400</u>		Company: <u>ELLE</u>		Received by: <u>[Signature]</u>		Date/Time: <u>9/4/20 1811</u> Company: <u>ELLE</u>																																																				
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: <u>2.0 / 0.0</u>																																																						

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-13167-1

Login Number: 13167

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Rivera-Santa, Julissa

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

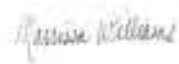
Laboratory Job ID: 410-13195-1

Client Project/Site: TTN Site NJ

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/21/2020 11:15:35 AM

Marrissa Williams, Project Manager
(717)556-7246
marrissawilliams@eurofinsus.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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13
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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- * QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

- * Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

- * Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Marrison Williams
Project Manager
10/21/2020 11:15:35 AM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate recovery exceeds control limits

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^	Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Job ID: 410-13195-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13195-1

Receipt

The samples were received on 9/4/2020 7:30 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.1°C, 1.2°C, 2.7°C and 3.1°C

GC/MS VOA

Method 8260C_DKQP: Internal standard (ISTD) response for the following sample was outside control limits: S-1A (410-13195-5). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-42829 recovered outside acceptance criteria, low biased, for 2-Butanone A reporting limit (RL) standard was analyzed, and the target analyte was detected. Any detections are considered estimated.

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-42829 recovered above the upper control limit for 1,4-Dioxane, Acetone, Chloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Any detections are considered estimated.

Method 8260C_DKQP: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-42829. The client requested analyte list was reported for this job.

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-43332 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Any detections are considered estimated..

Method 8260C_DKQP: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-43332. The client requested analyte list was reported for this job.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270D_DKQP: The NJ DKQP analyte list requirement was not met for Method 8270D. The client requested analyte list was reported for this job.

Method 8270D_DKQP: The project QA/QC requirements were not met. Project defined QC acceptance limits are not met. All QC is compliant with the laboratory statistically generated limits for preparation batch 410-43825.

Method 8270D_DKQP: The continuing calibration verification (CCV) analyzed in batch 410-43973 was outside the method criteria for the following analyte(s): 4-Nitrophenol and Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D_DKQP: The following samples were diluted due to the nature of the sample matrix: GW-4A (410-13195-3), S-1A (410-13195-5), S-1B (410-13195-6) and S-2A (410-13195-7). Elevated reporting limits (RLs) are provided.

Method 8270D_DKQP: The laboratory control sample (LCS) and/or lab control sample duplicate (LCSD) associated with preparation batch 410-43624 was outside DKQP recovery criteria but within laboratory generated limits for the following analytes 2,2'-oxybis[1-chloropropane], 2,4-Dimethylphenol, Benzaldehyde and Bis(2-chloroethyl)ether.

Method 8270D_DKQP: The NJ DKQP analyte list requirement was not met for Method 8270D. The client requested analyte list was reported for this job.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Job ID: 410-13195-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

Method 8270D_DKQP: The project QA/QC requirements were not met. Project defined QC acceptance limits are not met. All QC is compliant with the laboratory statistically generated limits for preparation batch 410-44300.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics

Method 8015D_GRO: The method blank for preparation batch 410-41983 and analytical batch 410-42185 contained GRO above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

Method 8015D_DAI_G: Surrogate recovery for the following samples were outside control limits: S-6A (410-13195-11) and S-6B (410-13195-12). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits. Results are reported from the first trial.

Method 8015D_DAI_G: Surrogate recovery for the bracketing continuing calibration verification (CCV) was outside control limits: S-6A (410-13195-11) and S-6B (410-13195-12). Re-extraction and/or re-analysis was performed and surrogate recovery was again outside control limits. This effect is attributed to the sample matrix and the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method NJEPH: The breakthrough for Naphthalene and 2-Methylnaphthalene in the LCS is <1%. the breakthrough for Naphthalene in the LCSD is <1%. The method requirement for breakthrough is <5%.

Method NJEPH: The laboratory control sample (LCS) for preparation batch 410-42631 and 410-43413 and analytical batch 410-44197 recovered outside control limits for the following analytes: C10-C12 Aromatics. The associated sample(s) was re-prepared and/or re-analyzed outside holding time and the LCS/LCSD is within control limits. Results are reported from the first trial.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

Method 8082A_DKQP: The DCB Decachlorobiphenyl (Surr) surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: GW-3B (410-13195-2). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B_DKQP: The laboratory control sample (LCS) for preparation batch 410-43626 and analytical batch 410-45185 recovered outside control limits for the following analytes: multiple compounds. The associated sample(s) was re-prepared and/or re-analyzed outside holding time. Original data have been reported.

Method 8081B_DKQP: Surrogate recovery for the following sample was outside the upper control limit: S-2A (410-13195-7). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Job ID: 410-13195-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

Method 8081B_DKQP: The surrogate recovery for the laboratory control sample (LCS) associated with preparation batch 410-43626 and analytical batch 410-45185 was outside the upper control limits. The results for the associated samples were ND. The data have been reported.

Method 8081B_DKQP: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 410-43626 and analytical batch 410-45185 recovered outside control limits for the following analytes: Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Methoxychlor, Toxaphene, p,p'-DDD, p,p'-DDE and p,p'-DDT. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B_DKQP: The continuing calibration verification (CCV) associated with batch 410-45185 recovered above the upper control limit for Methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081B_DKQP: The continuing calibration verification (CCV) associated with batch 410-44809 exhibited % difference of > 20% for the following analyte(s) p,p'-DDD, p,p'-DDE, p,p'-DDT, Heptachlor epoxide, Aldrin, delta-BHC, gamma-Chlordane, Methoxychlor, Endrin ketone, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde and Dieldrin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8081B_DKQP: The laboratory control sample (LCS) for preparation batch 410-43626 and analytical batch 410-44809 recovered outside control limits for the following analytes: DCB Decachlorobiphenyl (Surr), Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor epoxide, Methoxychlor, p,p'-DDD, p,p'-DDE and p,p'-DDT. The associated sample(s) was re-prepared and/or re-analyzed outside of the method holding time. The first trial is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

LCMS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D_DKQP: The NJ DKQP analyte list requirement was not met for Method 6010D. The client requested analyte list was reported for this job.

Method 6010D_DKQP: The low level calibration verification (CRI) associated with batch 410-44487 recovered above the upper control limit for Selenium. The samples associated with this CRI were J-flagged or non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: GW-4A (410-13195-3) and GW-4B (410-13195-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Lab Sample ID: 410-13195-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.8	J	9.9	2.0	ug/Kg	1	✱	8260C	Total/NA
Acetone	79	B	20	5.9	ug/Kg	1	✱	8260C	Total/NA
Total EPH (C9-C40)	29		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C40 Aliphatics (1C)	44		11	3.3	mg/Kg	1	✱	NJDEP EPH	Total/NA
Perfluorononanoic acid	0.61	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.53	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	0.57	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Aluminum	50000		86	46	mg/Kg	5	✱	6010D	Total/NA
Arsenic	16		2.6	1.0	mg/Kg	1	✱	6010D	Total/NA
Barium	380	B	0.43	0.13	mg/Kg	1	✱	6010D	Total/NA
Beryllium	2.2		0.43	0.086	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.19	J	0.43	0.086	mg/Kg	1	✱	6010D	Total/NA
Calcium	2600		17	10	mg/Kg	1	✱	6010D	Total/NA
Chromium	43		1.3	0.15	mg/Kg	1	✱	6010D	Total/NA
Cobalt	16		0.43	0.13	mg/Kg	1	✱	6010D	Total/NA
Copper	88		1.7	0.66	mg/Kg	1	✱	6010D	Total/NA
Iron	53000		86	27	mg/Kg	5	✱	6010D	Total/NA
Lead	21		1.3	0.52	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9900		8.6	3.4	mg/Kg	1	✱	6010D	Total/NA
Manganese	680		0.86	0.45	mg/Kg	1	✱	6010D	Total/NA
Nickel	39		0.86	0.22	mg/Kg	1	✱	6010D	Total/NA
Potassium	8800		26	18	mg/Kg	1	✱	6010D	Total/NA
Silver	0.64	J	0.86	0.34	mg/Kg	1	✱	6010D	Total/NA
Sodium	2600		86	40	mg/Kg	1	✱	6010D	Total/NA
Zinc	95		1.7	0.86	mg/Kg	1	✱	6010D	Total/NA
Vanadium	52		0.86	0.37	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: GW-3B

Lab Sample ID: 410-13195-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.9		8.1	1.6	ug/Kg	1	✱	8260C	Total/NA
Acetone	130	B	16	4.9	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.7	J	4.1	0.49	ug/Kg	1	✱	8260C	Total/NA
Fluoranthene	6.3	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	28		12	12	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C40 Aliphatics (1C)	30		12	3.7	mg/Kg	1	✱	NJDEP EPH	Total/NA
Aluminum	18000		22	12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	4.7		3.3	1.3	mg/Kg	1	✱	6010D	Total/NA
Barium	120	B	0.55	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.92		0.55	0.11	mg/Kg	1	✱	6010D	Total/NA
Calcium	1100		22	13	mg/Kg	1	✱	6010D	Total/NA
Chromium	24		1.6	0.20	mg/Kg	1	✱	6010D	Total/NA
Cobalt	5.2		0.55	0.16	mg/Kg	1	✱	6010D	Total/NA
Copper	17		2.2	0.84	mg/Kg	1	✱	6010D	Total/NA
Iron	21000		22	6.8	mg/Kg	1	✱	6010D	Total/NA
Lead	12		1.6	0.66	mg/Kg	1	✱	6010D	Total/NA
Magnesium	2800		11	4.4	mg/Kg	1	✱	6010D	Total/NA
Manganese	250		1.1	0.57	mg/Kg	1	✱	6010D	Total/NA
Nickel	14		1.1	0.28	mg/Kg	1	✱	6010D	Total/NA
Potassium	1700		33	22	mg/Kg	1	✱	6010D	Total/NA
Sodium	380		110	50	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B (Continued)

Lab Sample ID: 410-13195-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	34		2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	38		1.1	0.47	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: GW-4A

Lab Sample ID: 410-13195-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	21		11	2.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	380	B	21	6.3	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	0.79	J	5.3	0.63	ug/Kg	1	✱	8260C	Total/NA
Chloromethane	3.1	J	5.3	0.63	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	7.8		5.3	1.1	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	95		91	18	ug/Kg	5	✱	8270D	Total/NA
Anthracene	100		91	18	ug/Kg	5	✱	8270D	Total/NA
Benzo[a]anthracene	100		91	36	ug/Kg	5	✱	8270D	Total/NA
Benzo[a]pyrene	210		91	18	ug/Kg	5	✱	8270D	Total/NA
Benzo[b]fluoranthene	200		91	18	ug/Kg	5	✱	8270D	Total/NA
Benzo[g,h,i]perylene	270		91	18	ug/Kg	5	✱	8270D	Total/NA
Benzo[k]fluoranthene	120		91	18	ug/Kg	5	✱	8270D	Total/NA
Chrysene	130		91	18	ug/Kg	5	✱	8270D	Total/NA
Fluoranthene	150		91	18	ug/Kg	5	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	200		91	18	ug/Kg	5	✱	8270D	Total/NA
Phenanthrene	62	J	91	18	ug/Kg	5	✱	8270D	Total/NA
Pyrene	180		91	18	ug/Kg	5	✱	8270D	Total/NA
GRO (1C)	0.48	J B	1.2	0.22	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	21		13	5.5	mg/Kg	1	✱	8015D	Total/NA
Perfluorooctanoic acid	0.39	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorohexanesulfonic acid	0.36	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.47	J	0.63	0.21	ng/g	1	✱	537 IDA	Total/NA
Barium	240		0.54	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.2		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.47	J	0.54	0.11	mg/Kg	1	✱	6010D	Total/NA
Chromium	48		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	21	F2	1.6	0.65	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.1	J B	5.4	1.6	mg/Kg	1	✱	6010D	Total/NA
Silver	0.70	J	1.1	0.43	mg/Kg	1	✱	6010D	Total/NA
Barium	1.2		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0035	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0075	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.25		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>179		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.2		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: GW-4B

Lab Sample ID: 410-13195-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	22		20	3.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	350	B	39	12	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	3.3	J	9.8	1.2	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	8.0	J	20	8.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	9.6	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	15	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4B (Continued)

Lab Sample ID: 410-13195-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	13	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	4.4	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Chrysene	9.2	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	10	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	7.1	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Pyrene	11	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.44	J B	1.4	0.25	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	10	J	14	6.0	mg/Kg	1	✱	8015D	Total/NA
Perfluorononanoic acid	0.33	J	0.68	0.23	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	2.1		0.68	0.23	ng/g	1	✱	537 IDA	Total/NA
Barium	240		0.45	0.14	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.9		2.7	1.1	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.36	J	0.45	0.091	mg/Kg	1	✱	6010D	Total/NA
Chromium	46		1.4	0.16	mg/Kg	1	✱	6010D	Total/NA
Lead	20		1.4	0.54	mg/Kg	1	✱	6010D	Total/NA
Silver	0.92		0.91	0.36	mg/Kg	1	✱	6010D	Total/NA
Barium	0.91		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0035	J B	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.094		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>176		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.1		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	14	*3	10	2.0	ug/Kg	1	✱	8260C	Total/NA
Acetone	180	B	20	6.1	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	12	*3	5.1	0.61	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]pyrene	20	J	89	18	ug/Kg	5	✱	8270D	Total/NA
Benzo[b]fluoranthene	45	J	89	18	ug/Kg	5	✱	8270D	Total/NA
Chrysene	30	J	89	18	ug/Kg	5	✱	8270D	Total/NA
Fluoranthene	40	J	89	18	ug/Kg	5	✱	8270D	Total/NA
Phenanthrene	22	J	89	18	ug/Kg	5	✱	8270D	Total/NA
Pyrene	43	J	89	18	ug/Kg	5	✱	8270D	Total/NA
p,p'-DDE (1C)	6.0	J *	9.0	1.7	ug/Kg	5	✱	8081B	Total/NA
p,p'-DDT (2C)	28	* F1	9.0	4.2	ug/Kg	5	✱	8081B	Total/NA
Total EPH (C9-C40)	390	F1	260	260	mg/Kg	25	✱	NJ EPH	Total/NA
Perfluorotridecanoic acid	1.5		0.60	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.59	J	0.60	0.20	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	1.4	I	0.60	0.20	ng/g	1	✱	537 IDA	Total/NA
Aluminum	9700		19	10	mg/Kg	1	✱	6010D	Total/NA
Arsenic	5.4		2.9	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	50	B	0.49	0.15	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.54		0.49	0.097	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.21	J	0.49	0.097	mg/Kg	1	✱	6010D	Total/NA
Calcium	47000		97	58	mg/Kg	5	✱	6010D	Total/NA
Chromium	14		1.5	0.18	mg/Kg	1	✱	6010D	Total/NA
Cobalt	4.1		0.49	0.14	mg/Kg	1	✱	6010D	Total/NA
Copper	12		1.9	0.75	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A (Continued)

Lab Sample ID: 410-13195-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	12000		19	6.0	mg/Kg	1	✖	6010D	Total/NA
Lead	27		1.5	0.58	mg/Kg	1	✖	6010D	Total/NA
Magnesium	27000		9.7	3.9	mg/Kg	1	✖	6010D	Total/NA
Manganese	240		0.97	0.51	mg/Kg	1	✖	6010D	Total/NA
Nickel	9.7		0.97	0.25	mg/Kg	1	✖	6010D	Total/NA
Potassium	920		29	20	mg/Kg	1	✖	6010D	Total/NA
Sodium	120		97	45	mg/Kg	1	✖	6010D	Total/NA
Zinc	74		1.9	0.97	mg/Kg	1	✖	6010D	Total/NA
Vanadium	29		0.97	0.42	mg/Kg	1	✖	6010D	Total/NA
Mercury	0.027	J	0.063	0.026	mg/Kg	1	✖	7471B	Total/NA
pH	7.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	15		12	2.5	ug/Kg	1	✖	8260C	Total/NA
Acetone	180	B	25	7.4	ug/Kg	1	✖	8260C	Total/NA
Carbon disulfide	4.0	J	6.2	0.74	ug/Kg	1	✖	8260C	Total/NA
Benzo[a]pyrene	25	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Benzo[b]fluoranthene	56	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Chrysene	29	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Fluoranthene	40	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	28	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Phenanthrene	22	J	100	20	ug/Kg	5	✖	8270D	Total/NA
Pyrene	49	J	100	20	ug/Kg	5	✖	8270D	Total/NA
alpha-Chlordane (2C)	0.45	J *	1.0	0.21	ug/Kg	1	✖	8081B	Total/NA
p,p'-DDD (1C)	0.94	J *	2.1	0.40	ug/Kg	1	✖	8081B	Total/NA
p,p'-DDE (1C)	4.8	*	2.1	0.40	ug/Kg	1	✖	8081B	Total/NA
p,p'-DDT (1C)	24	*	10	4.8	ug/Kg	5	✖	8081B	Total/NA
Total EPH (C9-C40)	130		59	59	mg/Kg	5	✖	NJ EPH	Total/NA
Perfluorooctanoic acid	0.25	J	0.69	0.23	ng/g	1	✖	537 IDA	Total/NA
Perfluorotridecanoic acid	1.1	I	0.69	0.23	ng/g	1	✖	537 IDA	Total/NA
Perfluorooctanesulfonic acid	0.86		0.69	0.23	ng/g	1	✖	537 IDA	Total/NA
Perfluoroundecanoic acid	1.0	I	0.69	0.23	ng/g	1	✖	537 IDA	Total/NA
Aluminum	21000		22	12	mg/Kg	1	✖	6010D	Total/NA
Arsenic	8.0		3.3	1.3	mg/Kg	1	✖	6010D	Total/NA
Barium	130	B	0.55	0.17	mg/Kg	1	✖	6010D	Total/NA
Beryllium	1.2		0.55	0.11	mg/Kg	1	✖	6010D	Total/NA
Cadmium	0.18	J	0.55	0.11	mg/Kg	1	✖	6010D	Total/NA
Calcium	39000		22	13	mg/Kg	1	✖	6010D	Total/NA
Chromium	28		1.7	0.20	mg/Kg	1	✖	6010D	Total/NA
Cobalt	9.5		0.55	0.16	mg/Kg	1	✖	6010D	Total/NA
Copper	21		2.2	0.85	mg/Kg	1	✖	6010D	Total/NA
Iron	27000		22	6.9	mg/Kg	1	✖	6010D	Total/NA
Lead	41		1.7	0.66	mg/Kg	1	✖	6010D	Total/NA
Magnesium	25000		11	4.4	mg/Kg	1	✖	6010D	Total/NA
Manganese	430		1.1	0.57	mg/Kg	1	✖	6010D	Total/NA
Nickel	21		1.1	0.29	mg/Kg	1	✖	6010D	Total/NA
Potassium	2700		33	23	mg/Kg	1	✖	6010D	Total/NA
Silver	0.50	J	1.1	0.44	mg/Kg	1	✖	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B (Continued)

Lab Sample ID: 410-13195-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	800		110	51	mg/Kg	1	✱	6010D	Total/NA
Zinc	110		2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Vanadium	50		1.1	0.48	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.032	J	0.071	0.029	mg/Kg	1	✱	7471B	Total/NA
pH	8.2		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	11		9.7	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	180	B	19	5.8	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	51	J	95	38	ug/Kg	5	✱	8270D	Total/NA
Benzo[a]pyrene	75	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Benzo[b]fluoranthene	73	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Benzo[g,h,i]perylene	55	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Benzo[k]fluoranthene	31	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Chrysene	67	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Fluoranthene	68	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	52	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Phenanthrene	29	J	95	19	ug/Kg	5	✱	8270D	Total/NA
Pyrene	84	J	95	19	ug/Kg	5	✱	8270D	Total/NA
p,p'-DDE (2C)	0.39	J *	1.9	0.38	ug/Kg	1	✱	8081B	Total/NA
Total EPH (C9-C40)	100		56	56	mg/Kg	5	✱	NJ EPH	Total/NA
Aluminum	20000		20	11	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.7		3.1	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	140	B	0.51	0.15	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.4		0.51	0.10	mg/Kg	1	✱	6010D	Total/NA
Calcium	8900		20	12	mg/Kg	1	✱	6010D	Total/NA
Chromium	37		1.5	0.18	mg/Kg	1	✱	6010D	Total/NA
Cobalt	19		0.51	0.15	mg/Kg	1	✱	6010D	Total/NA
Copper	110		2.0	0.78	mg/Kg	1	✱	6010D	Total/NA
Iron	39000		100	32	mg/Kg	5	✱	6010D	Total/NA
Lead	16		1.5	0.61	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9200		10	4.1	mg/Kg	1	✱	6010D	Total/NA
Manganese	910		1.0	0.53	mg/Kg	1	✱	6010D	Total/NA
Nickel	28		1.0	0.26	mg/Kg	1	✱	6010D	Total/NA
Potassium	4700		31	21	mg/Kg	1	✱	6010D	Total/NA
Silver	0.80	J	1.0	0.41	mg/Kg	1	✱	6010D	Total/NA
Sodium	1700		100	47	mg/Kg	1	✱	6010D	Total/NA
Zinc	85		2.0	1.0	mg/Kg	1	✱	6010D	Total/NA
Vanadium	77		1.0	0.44	mg/Kg	1	✱	6010D	Total/NA
pH	8.6		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	7.8	J	9.4	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	83	B	19	5.6	ug/Kg	1	✱	8260C	Total/NA
2-Methylnaphthalene	7.1	J	35	3.5	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	47		18	3.5	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B (Continued)

Lab Sample ID: 410-13195-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	7.2	J	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Anthracene	17	J	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	39		18	7.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	74		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	90		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	89		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	26		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Chrysene	50		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	17	J	18	7.0	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	71		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Fluorene	12	J	18	3.5	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	72		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	10	J	18	7.0	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	28		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Pyrene	70		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	180		51	51	mg/Kg	5	✱	NJ EPH	Total/NA
Aluminum	29000		16	8.5	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.4		2.4	0.96	mg/Kg	1	✱	6010D	Total/NA
Barium	180	B	0.40	0.12	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.7		0.40	0.080	mg/Kg	1	✱	6010D	Total/NA
Calcium	4000		16	9.6	mg/Kg	1	✱	6010D	Total/NA
Chromium	39		1.2	0.14	mg/Kg	1	✱	6010D	Total/NA
Cobalt	15		0.40	0.12	mg/Kg	1	✱	6010D	Total/NA
Copper	45		1.6	0.62	mg/Kg	1	✱	6010D	Total/NA
Iron	40000		80	25	mg/Kg	5	✱	6010D	Total/NA
Lead	21		1.2	0.48	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9200		8.0	3.2	mg/Kg	1	✱	6010D	Total/NA
Manganese	620		0.80	0.42	mg/Kg	1	✱	6010D	Total/NA
Nickel	30		0.80	0.21	mg/Kg	1	✱	6010D	Total/NA
Potassium	5500		24	16	mg/Kg	1	✱	6010D	Total/NA
Silver	0.77	J	0.80	0.32	mg/Kg	1	✱	6010D	Total/NA
Sodium	700		80	37	mg/Kg	1	✱	6010D	Total/NA
Zinc	64		1.6	0.80	mg/Kg	1	✱	6010D	Total/NA
Vanadium	68		0.80	0.34	mg/Kg	1	✱	6010D	Total/NA
pH	7.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	22		17	3.4	ug/Kg	1	✱	8260C	Total/NA
Acetone	410	B	34	10	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	4.8	J	8.4	1.7	ug/Kg	1	✱	8260C	Total/NA
2-Methylnaphthalene	8.2	J F1	37	3.7	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	68	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Acenaphthene	11	J F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Anthracene	75	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	190	F1	19	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	190	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	230	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	170		19	3.7	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A (Continued)

Lab Sample ID: 410-13195-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	72	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Chrysene	190	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	46		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	370	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Fluorene	21	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	140	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	8.5	J F1	19	7.5	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	240	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Pyrene	340	F1	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Total EPH (C9-C40)	290		54	54	mg/Kg	5	✱	NJ EPH	Total/NA
Perfluorononanoic acid	0.49	J I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorodecanoic acid	1.0	I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorotridecanoic acid	23	I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorotetradecanoic acid	0.30	J I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	34	I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Perfluorododecanoic acid	1.0	I	0.67	0.22	ng/g	1	✱	537 IDA	Total/NA
Aluminum	34000		16	8.3	mg/Kg	1	✱	6010D	Total/NA
Arsenic	5.2		2.3	0.94	mg/Kg	1	✱	6010D	Total/NA
Barium	280	B	0.39	0.12	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.9		0.39	0.078	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.21	J	0.39	0.078	mg/Kg	1	✱	6010D	Total/NA
Calcium	4800		16	9.4	mg/Kg	1	✱	6010D	Total/NA
Chromium	45		1.2	0.14	mg/Kg	1	✱	6010D	Total/NA
Cobalt	16		0.39	0.11	mg/Kg	1	✱	6010D	Total/NA
Copper	58		1.6	0.60	mg/Kg	1	✱	6010D	Total/NA
Iron	43000		78	24	mg/Kg	5	✱	6010D	Total/NA
Lead	17		1.2	0.47	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9800		7.8	3.1	mg/Kg	1	✱	6010D	Total/NA
Manganese	850		0.78	0.41	mg/Kg	1	✱	6010D	Total/NA
Nickel	35		0.78	0.20	mg/Kg	1	✱	6010D	Total/NA
Potassium	7300		23	16	mg/Kg	1	✱	6010D	Total/NA
Silver	0.79		0.78	0.31	mg/Kg	1	✱	6010D	Total/NA
Sodium	2500		78	36	mg/Kg	1	✱	6010D	Total/NA
Zinc	80		1.6	0.78	mg/Kg	1	✱	6010D	Total/NA
Vanadium	68		0.78	0.34	mg/Kg	1	✱	6010D	Total/NA
pH	7.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.1	J	7.2	1.4	ug/Kg	1	✱	8260C	Total/NA
Acetone	91	B	14	4.3	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	6.4	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Anthracene	5.1	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	11	J	20	8.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	12	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	16	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	9.4	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Chrysene	13	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	11	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B (Continued)

Lab Sample ID: 410-13195-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	7.1	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Pyrene	15	J	20	4.1	ug/Kg	1	✱	8270D	Total/NA
Heptachlor epoxide (2C)	1.4	*	1.0	0.21	ug/Kg	1	✱	8081B	Total/NA
Total EPH (C9-C40)	210		60	60	mg/Kg	5	✱	NJ EPH	Total/NA
Perfluorotridecanoic acid	0.36	J I	0.74	0.25	ng/g	1	✱	537 IDA	Total/NA
Perfluoroundecanoic acid	1.2	I	0.74	0.25	ng/g	1	✱	537 IDA	Total/NA
Aluminum	26000		18	9.6	mg/Kg	1	✱	6010D	Total/NA
Arsenic	8.1		2.7	1.1	mg/Kg	1	✱	6010D	Total/NA
Barium	170	B	0.45	0.14	mg/Kg	1	✱	6010D	Total/NA
Beryllium	1.8		0.45	0.091	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.13	J	0.45	0.091	mg/Kg	1	✱	6010D	Total/NA
Calcium	3800		18	11	mg/Kg	1	✱	6010D	Total/NA
Chromium	46		1.4	0.16	mg/Kg	1	✱	6010D	Total/NA
Cobalt	15		0.45	0.13	mg/Kg	1	✱	6010D	Total/NA
Copper	37		1.8	0.70	mg/Kg	1	✱	6010D	Total/NA
Iron	46000		91	28	mg/Kg	5	✱	6010D	Total/NA
Lead	16		1.4	0.54	mg/Kg	1	✱	6010D	Total/NA
Magnesium	11000		9.1	3.6	mg/Kg	1	✱	6010D	Total/NA
Manganese	510		0.91	0.47	mg/Kg	1	✱	6010D	Total/NA
Nickel	34		0.91	0.24	mg/Kg	1	✱	6010D	Total/NA
Potassium	6600		27	19	mg/Kg	1	✱	6010D	Total/NA
Silver	0.88	J	0.91	0.36	mg/Kg	1	✱	6010D	Total/NA
Sodium	590		91	42	mg/Kg	1	✱	6010D	Total/NA
Thallium	1.4	J	2.7	1.2	mg/Kg	1	✱	6010D	Total/NA
Zinc	76		1.8	0.91	mg/Kg	1	✱	6010D	Total/NA
Vanadium	83		0.91	0.39	mg/Kg	1	✱	6010D	Total/NA
pH	8.0		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-6A

Lab Sample ID: 410-13195-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.4	J	8.1	1.6	ug/Kg	1	✱	8260C	Total/NA
Acetone	140		16	4.9	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.6	J	4.1	0.49	ug/Kg	1	✱	8260C	Total/NA
Aluminum	17000		17	8.8	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.3		2.5	1.0	mg/Kg	1	✱	6010D	Total/NA
Barium	54	B	0.42	0.12	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.48		0.42	0.083	mg/Kg	1	✱	6010D	Total/NA
Calcium	580		17	10	mg/Kg	1	✱	6010D	Total/NA
Chromium	22		1.2	0.15	mg/Kg	1	✱	6010D	Total/NA
Cobalt	3.0		0.42	0.12	mg/Kg	1	✱	6010D	Total/NA
Copper	8.5		1.7	0.64	mg/Kg	1	✱	6010D	Total/NA
Iron	15000		17	5.2	mg/Kg	1	✱	6010D	Total/NA
Lead	9.7		1.2	0.50	mg/Kg	1	✱	6010D	Total/NA
Magnesium	2100		8.3	3.3	mg/Kg	1	✱	6010D	Total/NA
Manganese	130		0.83	0.43	mg/Kg	1	✱	6010D	Total/NA
Nickel	8.6		0.83	0.22	mg/Kg	1	✱	6010D	Total/NA
Potassium	1000		25	17	mg/Kg	1	✱	6010D	Total/NA
Sodium	160		83	38	mg/Kg	1	✱	6010D	Total/NA
Zinc	27		1.7	0.83	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6A (Continued)

Lab Sample ID: 410-13195-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	35		0.83	0.36	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.7	J	9.4	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	120		19	5.6	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.6	J	4.7	0.56	ug/Kg	1	✱	8260C	Total/NA
Aluminum	25000		19	10	mg/Kg	1	✱	6010D	Total/NA
Arsenic	3.3		2.8	1.1	mg/Kg	1	✱	6010D	Total/NA
Barium	100	B	0.47	0.14	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.97		0.47	0.094	mg/Kg	1	✱	6010D	Total/NA
Calcium	1100		19	11	mg/Kg	1	✱	6010D	Total/NA
Chromium	32		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Cobalt	6.2		0.47	0.14	mg/Kg	1	✱	6010D	Total/NA
Copper	17		1.9	0.72	mg/Kg	1	✱	6010D	Total/NA
Iron	21000		19	5.8	mg/Kg	1	✱	6010D	Total/NA
Lead	12		1.4	0.56	mg/Kg	1	✱	6010D	Total/NA
Magnesium	3700		9.4	3.8	mg/Kg	1	✱	6010D	Total/NA
Manganese	220		0.94	0.49	mg/Kg	1	✱	6010D	Total/NA
Nickel	17		0.94	0.24	mg/Kg	1	✱	6010D	Total/NA
Potassium	2500		28	19	mg/Kg	1	✱	6010D	Total/NA
Sodium	300		94	43	mg/Kg	1	✱	6010D	Total/NA
Zinc	41		1.9	0.94	mg/Kg	1	✱	6010D	Total/NA
Vanadium	33		0.94	0.40	mg/Kg	1	✱	6010D	Total/NA

Client Sample ID: FB-3

Lab Sample ID: 410-13195-13

No Detections.

Client Sample ID: RB-3

Lab Sample ID: 410-13195-14

No Detections.

Client Sample ID: TB-3

Lab Sample ID: 410-13195-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.94	J B	20	0.70	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Lab Sample ID: 410-13195-1

Date Collected: 09/04/20 09:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,1,2-Trichloroethane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2,3-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2,4-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2-Dibromoethane	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2-Dichloroethane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,2-Dichloropropane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
1,4-Dichlorobenzene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
2-Butanone	8.8	J	9.9	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
2-Hexanone	ND		9.9	0.99	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
4-Methyl-2-pentanone	ND		9.9	0.99	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Acetone	79	B	20	5.9	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Benzene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Bromochloromethane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Bromodichloromethane	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Bromoform	ND		9.9	4.9	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Bromomethane	ND		4.9	0.69	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Carbon disulfide	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Carbon tetrachloride	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Chlorobenzene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Chloroethane	ND		4.9	0.99	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Chloroform	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Chloromethane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
cis-1,3-Dichloropropene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Cyclohexane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Dibromochloromethane	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Dichlorodifluoromethane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Ethylbenzene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Freon 113	ND		9.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Isopropylbenzene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
m&p-Xylene	ND		4.9	0.99	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Methyl acetate	ND		4.9	0.99	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Methyl tertiary butyl ether	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Methylcyclohexane	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Methylene Chloride	ND		4.9	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
o-Xylene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Styrene	ND		4.9	0.39	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Tetrachloroethene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Toluene	ND		4.9	0.59	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
trans-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
trans-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1
Trichloroethene	ND		4.9	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 10:53	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Lab Sample ID: 410-13195-1

Date Collected: 09/04/20 09:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		4.9	0.69	ug/Kg	☼	09/05/20 18:02	09/11/20 10:53	1
Vinyl chloride	ND		4.9	0.59	ug/Kg	☼	09/05/20 18:02	09/11/20 10:53	1
Xylenes, Total	ND		9.9	1.4	ug/Kg	☼	09/05/20 18:02	09/11/20 10:53	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/05/20 18:02	09/11/20 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130	09/05/20 18:02	09/11/20 10:53	1
4-Bromofluorobenzene (Surr)	90		70 - 130	09/05/20 18:02	09/11/20 10:53	1
Dibromofluoromethane (Surr)	107		70 - 130	09/05/20 18:02	09/11/20 10:53	1
Toluene-d8 (Surr)	101		70 - 130	09/05/20 18:02	09/11/20 10:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
1,2,4,5-Tetrachlorobenzene	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
1,4-Dioxane	ND		380	110	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,2'-oxybis[1-chloropropane]	ND *		49	23	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,3,4,6-Tetrachlorophenol	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4,5-Trichlorophenol	ND		75	34	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4,6-Trichlorophenol	ND		64	30	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4-Dichlorophenol	ND		49	23	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4-Dimethylphenol	ND *		75	34	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4-Dinitrophenol	ND		1100	380	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,4-Dinitrotoluene	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2,6-Dinitrotoluene	ND		57	26	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Chloronaphthalene	ND		38	7.5	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Chlorophenol	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Methylnaphthalene	ND		38	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Methylphenol	ND		75	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Nitroaniline	ND		57	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
2-Nitrophenol	ND		64	30	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
3,3'-Dichlorobenzidine	ND		380	110	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
3-Nitroaniline	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4,6-Dinitro-2-methylphenol	ND		570	260	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Bromophenyl-phenylether	ND		57	26	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Chloro-3-methylphenol	ND		57	26	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Chlorophenyl-phenyl ether	ND		49	23	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Chloroaniline	ND		190	38	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Methylphenol	ND		57	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Nitroaniline	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
4-Nitrophenol	ND		570	190	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Acenaphthylene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Acenaphthene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Acetophenone	ND		57	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Anthracene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Atrazine	ND		490	230	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Benzaldehyde	ND *		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Benzo[a]anthracene	ND		19	7.5	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Lab Sample ID: 410-13195-1

Date Collected: 09/04/20 09:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Benzo[b]fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Benzo[g,h,i]perylene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Benzo[k]fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Bis(2-chloroethoxy)methane	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Bis(2-chloroethyl)ether	ND *		57	26	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Bis(2-ethylhexyl) phthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Butylbenzylphthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Caprolactam	ND		190	38	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Carbazole	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Chrysene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Di-n-butyl phthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Di-n-octyl phthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Dibenz(a,h)anthracene	ND		19	7.5	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Dibenzofuran	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Dimethyl phthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Diethyl phthalate	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Fluoranthene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Fluorene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Hexachlorobenzene	ND		19	7.5	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Hexachlorobutadiene	ND		87	41	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Hexachlorocyclopentadiene	ND		570	230	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Hexachloroethane	ND		190	38	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Indeno[1,2,3-cd]pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Isophorone	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
N-Nitrosodi-n-propylamine	ND		57	26	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
N-Nitrosodiphenylamine	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Naphthalene	ND		19	7.5	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Nitrobenzene	ND		75	30	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Pentachlorophenol	ND		190	75	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Phenanthrene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Phenol	ND		41	19	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1
Pyrene	ND		19	3.8	ug/Kg	☼	09/14/20 18:00	09/15/20 22:21	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	1900	T J	ug/Kg	☼	2.44		09/14/20 18:00	09/15/20 22:21	1
Unknown	220	T J	ug/Kg	☼	3.03		09/14/20 18:00	09/15/20 22:21	1
Unknown	7800	T J B	ug/Kg	☼	3.83		09/14/20 18:00	09/15/20 22:21	1
Unknown	220	T J	ug/Kg	☼	4.86		09/14/20 18:00	09/15/20 22:21	1
Unknown	310	T J	ug/Kg	☼	5.39		09/14/20 18:00	09/15/20 22:21	1
Unknown	200	T J	ug/Kg	☼	6.08		09/14/20 18:00	09/15/20 22:21	1
Unknown	230	T J	ug/Kg	☼	9.69		09/14/20 18:00	09/15/20 22:21	1
n-Hexadecanoic acid	260	T J N	ug/Kg	☼	10.48	57-10-3	09/14/20 18:00	09/15/20 22:21	1
Unknown	200	T J	ug/Kg	☼	14.16		09/14/20 18:00	09/15/20 22:21	1
Unknown	260	T J	ug/Kg	☼	14.42		09/14/20 18:00	09/15/20 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	30		30 - 130	09/14/20 18:00	09/15/20 22:21	1
2-Fluorophenol (Surr)	32		30 - 130	09/14/20 18:00	09/15/20 22:21	1
p-Terphenyl-d14 (Surr)	72		30 - 130	09/14/20 18:00	09/15/20 22:21	1

Eurolins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Date Collected: 09/04/20 09:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-1

Matrix: Solid

Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	40		30 - 130	09/14/20 18:00	09/15/20 22:21	1
Nitrobenzene-d5 (Surr)	59		30 - 130	09/14/20 18:00	09/15/20 22:21	1
2-Fluorobiphenyl (Surr)	63		30 - 130	09/14/20 18:00	09/15/20 22:21	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	4.0	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1221 (2C)	ND		19	5.2	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1232 (2C)	ND		19	9.0	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1242 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1248 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1254 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1
PCB-1260 (2C)	ND		19	5.5	ug/Kg	☆	09/14/20 17:30	09/15/20 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	45	p	30 - 150	09/14/20 17:30	09/15/20 16:45	1
DCB Decachlorobiphenyl (Surr) (2C)	99		30 - 150	09/14/20 17:30	09/15/20 16:45	1
Tetrachloro-m-xylene (1C)	88		30 - 150	09/14/20 17:30	09/15/20 16:45	1
Tetrachloro-m-xylene (2C)	79		30 - 150	09/14/20 17:30	09/15/20 16:45	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	29		11	11	mg/Kg	☼	09/10/20 16:19	09/11/20 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	90		40 - 140				09/10/20 16:19	09/11/20 15:53	1
o- terphenyl (Surr)	81		40 - 140				09/10/20 16:19	09/11/20 15:53	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C21-C36 Aromatic (1C)	ND		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C21-C40 Aliphatics (1C)	44		11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C10-C12 Aromatics (1C)	ND	*1	11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1
C9-C12 Aliphatics (1C)	ND	*1	11	3.3	mg/Kg	☆	09/10/20 16:12	09/16/20 08:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140	09/10/20 16:12	09/16/20 08:00	1
2-Bromonaphthalene (Surr) (1C)	76		40 - 140	09/10/20 16:12	09/16/20 08:00	1
2-Fluorobiphenyl (Surr) (1C)	78		40 - 140	09/10/20 16:12	09/16/20 08:00	1
o-terphenyl (Surr) (1C)	67		40 - 140	09/10/20 16:12	09/16/20 08:00	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluoroheptanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorooctanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorononanoic acid	0.61	J	0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Lab Sample ID: 410-13195-1

Date Collected: 09/04/20 09:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.2

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorotridecanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorotetradecanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorobutanesulfonic acid	ND		2.1	0.42	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorohexanesulfonic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorooctanesulfonic acid	0.53	J	0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluoroundecanoic acid	0.57	J	0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1
Perfluorododecanoic acid	ND		0.63	0.21	ng/g	☆	09/08/20 08:51	09/09/20 02:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	79		11 - 138	09/08/20 08:51	09/09/20 02:12	1
13C4 PFHpA	71		15 - 139	09/08/20 08:51	09/09/20 02:12	1
13C8 PFOA	81		21 - 133	09/08/20 08:51	09/09/20 02:12	1
13C9 PFNA	79		15 - 145	09/08/20 08:51	09/09/20 02:12	1
13C6 PFDA	80		21 - 134	09/08/20 08:51	09/09/20 02:12	1
13C7 PFUnA	85		15 - 138	09/08/20 08:51	09/09/20 02:12	1
13C2-PFDoDA	83		28 - 126	09/08/20 08:51	09/09/20 02:12	1
13C2 PFTeDA	84		10 - 138	09/08/20 08:51	09/09/20 02:12	1
13C3 PFBS	82		23 - 130	09/08/20 08:51	09/09/20 02:12	1
13C3 PFHxS	78		24 - 136	09/08/20 08:51	09/09/20 02:12	1
13C8 PFOS	82		31 - 130	09/08/20 08:51	09/09/20 02:12	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.3	1.5	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Aluminum	50000		86	46	mg/Kg	☆	09/08/20 17:25	09/16/20 16:47	5
Arsenic	16		2.6	1.0	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Barium	380	B	0.43	0.13	mg/Kg	☆	09/08/20 17:25	09/16/20 16:01	1
Beryllium	2.2		0.43	0.086	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Cadmium	0.19	J	0.43	0.086	mg/Kg	☆	09/08/20 17:25	09/16/20 16:01	1
Calcium	2600		17	10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Chromium	43		1.3	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Cobalt	16		0.43	0.13	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Copper	88		1.7	0.66	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Iron	53000		86	27	mg/Kg	☆	09/08/20 17:25	09/16/20 16:47	5
Lead	21		1.3	0.52	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Magnesium	9900		8.6	3.4	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Manganese	680		0.86	0.45	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Nickel	39		0.86	0.22	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Potassium	8800		26	18	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Selenium	ND		4.3	1.3	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Silver	0.64	J	0.86	0.34	mg/Kg	☆	09/08/20 17:25	09/16/20 16:01	1
Sodium	2600		86	40	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Thallium	ND		2.6	1.1	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Zinc	95		1.7	0.86	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1
Vanadium	52		0.86	0.37	mg/Kg	☆	09/08/20 17:25	09/14/20 11:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.067	0.028	mg/Kg	☆	09/15/20 11:19	09/17/20 15:55	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Date Collected: 09/04/20 09:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-1

Matrix: Solid

Percent Solids: 88.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.8		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	88.2		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Percent Solids: 79.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,1,2,2-Tetrachloroethane	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,1,2-Trichloroethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,1-Dichloroethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,1-Dichloroethene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2,3-Trichlorobenzene	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2,4-Trichlorobenzene	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2-Dibromo-3-Chloropropane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2-Dibromoethane	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2-Dichlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2-Dichloroethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,2-Dichloropropane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,3-Dichlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
1,4-Dichlorobenzene	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
2-Butanone	8.9		8.1	1.6	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
2-Hexanone	ND		8.1	0.81	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
4-Methyl-2-pentanone	ND		8.1	0.81	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Acetone	130	B	16	4.9	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Benzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Bromochloromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Bromodichloromethane	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Bromoform	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Bromomethane	ND		4.1	0.57	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Carbon disulfide	1.7	J	4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Carbon tetrachloride	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Chlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Chloroethane	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Chloroform	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Chloromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
cis-1,2-Dichloroethene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
cis-1,3-Dichloropropene	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Cyclohexane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Dibromochloromethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Dichlorodifluoromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Ethylbenzene	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Freon 113	ND		8.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Isopropylbenzene	ND		4.1	0.32	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
m&p-Xylene	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Methyl acetate	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Methyl tertiary butyl ether	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1
Methylcyclohexane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 11:16	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Percent Solids: 79.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		4.1	1.6	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
o-Xylene	ND		4.1	0.32	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Styrene	ND		4.1	0.32	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Tetrachloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Toluene	ND		4.1	0.49	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
trans-1,2-Dichloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
trans-1,3-Dichloropropene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Trichloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Trichlorofluoromethane	ND		4.1	0.57	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Vinyl chloride	ND		4.1	0.49	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1
Xylenes, Total	ND		8.1	1.1	ug/Kg	☼	09/05/20 18:02	09/11/20 11:16	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	4.3	T J	ug/Kg	☼	4.22		09/05/20 18:02	09/11/20 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130	09/05/20 18:02	09/11/20 11:16	1
4-Bromofluorobenzene (Surr)	84		70 - 130	09/05/20 18:02	09/11/20 11:16	1
Dibromofluoromethane (Surr)	108		70 - 130	09/05/20 18:02	09/11/20 11:16	1
Toluene-d8 (Surr)	103		70 - 130	09/05/20 18:02	09/11/20 11:16	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		46	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
1,2,4,5-Tetrachlorobenzene	ND		46	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
1,4-Dioxane	ND		420	130	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,2'-oxybis[1-chloropropane]	ND	*	54	25	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,3,4,6-Tetrachlorophenol	ND		210	83	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4,5-Trichlorophenol	ND		83	38	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4,6-Trichlorophenol	ND		71	33	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4-Dichlorophenol	ND		54	25	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4-Dimethylphenol	ND	*	83	38	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4-Dinitrophenol	ND		1300	420	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,4-Dinitrotoluene	ND		210	83	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2,6-Dinitrotoluene	ND		63	29	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Chloronaphthalene	ND		42	8.3	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Chlorophenol	ND		46	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Methylnaphthalene	ND		42	4.2	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Methylphenol	ND		83	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Nitroaniline	ND		63	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
2-Nitrophenol	ND		71	33	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
3,3'-Dichlorobenzidine	ND		420	130	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
3-Nitroaniline	ND		210	83	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4,6-Dinitro-2-methylphenol	ND		630	290	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Bromophenyl-phenylether	ND		63	29	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Chloro-3-methylphenol	ND		63	29	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Chlorophenyl-phenyl ether	ND		54	25	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Chloroaniline	ND		210	42	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Methylphenol	ND		63	21	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1
4-Nitroaniline	ND		210	83	ug/Kg	☼	09/14/20 18:00	09/15/20 22:44	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Lab Sample ID: 410-13195-2

Date Collected: 09/04/20 09:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 79.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		630	210	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Acenaphthylene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Acenaphthene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Acetophenone	ND		63	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Anthracene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Atrazine	ND		540	250	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzaldehyde	ND *		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzo[a]anthracene	ND		21	8.3	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzo[a]pyrene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzo[b]fluoranthene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzo[g,h,i]perylene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Benzo[k]fluoranthene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Bis(2-chloroethoxy)methane	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Bis(2-chloroethyl)ether	ND *		63	29	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Bis(2-ethylhexyl) phthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Butylbenzylphthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Caprolactam	ND		210	42	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Carbazole	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Chrysene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Di-n-butyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Di-n-octyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Dibenz(a,h)anthracene	ND		21	8.3	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Dibenzofuran	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Dimethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Diethyl phthalate	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Fluoranthene	6.3 J		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Fluorene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Hexachlorobenzene	ND		21	8.3	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Hexachlorobutadiene	ND		96	46	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Hexachlorocyclopentadiene	ND		630	250	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Hexachloroethane	ND		210	42	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Indeno[1,2,3-cd]pyrene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Isophorone	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
N-Nitrosodi-n-propylamine	ND		63	29	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
N-Nitrosodiphenylamine	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Naphthalene	ND		21	8.3	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Nitrobenzene	ND		83	33	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Pentachlorophenol	ND		210	83	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Phenanthrene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Phenol	ND		46	21	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1
Pyrene	ND		21	4.2	ug/Kg	✱	09/14/20 18:00	09/15/20 22:44	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	480	T J	ug/Kg	✱	2.44		09/14/20 18:00	09/15/20 22:44	1
Unknown	4600	T J	ug/Kg	✱	3.18		09/14/20 18:00	09/15/20 22:44	1
Unknown	330	T J	ug/Kg	✱	3.30		09/14/20 18:00	09/15/20 22:44	1
3-Furaldehyde	290	T J N	ug/Kg	✱	3.73	498-60-2	09/14/20 18:00	09/15/20 22:44	1
Unknown	8100	T J B	ug/Kg	✱	3.83		09/14/20 18:00	09/15/20 22:44	1
Unknown	1800	T J	ug/Kg	✱	5.39		09/14/20 18:00	09/15/20 22:44	1
Unknown	320	T J	ug/Kg	✱	5.90		09/14/20 18:00	09/15/20 22:44	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Lab Sample ID: 410-13195-2

Date Collected: 09/04/20 09:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 79.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	440	T J	ug/Kg	⊛	6.08		09/14/20 18:00	09/15/20 22:44	1
Unknown	380	T J	ug/Kg	⊛	6.88		09/14/20 18:00	09/15/20 22:44	1
n-Hexadecanoic acid	280	T J N	ug/Kg	⊛	10.48	57-10-3	09/14/20 18:00	09/15/20 22:44	1
1-Tricosene	340	T J N	ug/Kg	⊛	12.42	18835-32-0	09/14/20 18:00	09/15/20 22:44	1
Cyclotriacontane	500	T J N	ug/Kg	⊛	13.10	297-35-8	09/14/20 18:00	09/15/20 22:44	1
13-Methylheptacosane	250	T J N	ug/Kg	⊛	13.76	1000131-18-5	09/14/20 18:00	09/15/20 22:44	1
Eicosane	190	T J N	ug/Kg	⊛	14.42	112-95-8	09/14/20 18:00	09/15/20 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	52		30 - 130				09/14/20 18:00	09/15/20 22:44	1
2-Fluorophenol (Surr)	56		30 - 130				09/14/20 18:00	09/15/20 22:44	1
p-Terphenyl-d14 (Surr)	53		30 - 130				09/14/20 18:00	09/15/20 22:44	1
Phenol-d5 (Surr)	55		30 - 130				09/14/20 18:00	09/15/20 22:44	1
Nitrobenzene-d5 (Surr)	52		30 - 130				09/14/20 18:00	09/15/20 22:44	1
2-Fluorobiphenyl (Surr)	64		30 - 130				09/14/20 18:00	09/15/20 22:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		21	4.5	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1221 (2C)	ND		21	5.8	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1232 (2C)	ND		21	10	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1242 (2C)	ND		21	4.1	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1248 (2C)	ND		21	4.1	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1254 (2C)	ND		21	4.1	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
PCB-1260 (2C)	ND		21	6.1	ug/Kg	⊛	09/14/20 17:30	09/15/20 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	15	X p	30 - 150				09/14/20 17:30	09/15/20 16:55	1
DCB Decachlorobiphenyl (Surr) (2C)	35		30 - 150				09/14/20 17:30	09/15/20 16:55	1
Tetrachloro-m-xylene (1C)	38		30 - 150				09/14/20 17:30	09/15/20 16:55	1
Tetrachloro-m-xylene (2C)	35		30 - 150				09/14/20 17:30	09/15/20 16:55	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	28		12	12	mg/Kg	⊛	09/10/20 16:19	09/11/20 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	80		40 - 140				09/10/20 16:19	09/11/20 16:17	1
o-terphenyl (Surr)	73		40 - 140				09/10/20 16:19	09/11/20 16:17	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C12-C16 Aromatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C16-C21 Aliphatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C16-C21 Aromatics (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C21-C36 Aromatic (1C)	ND		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C21-C40 Aliphatics (1C)	30		12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C10-C12 Aromatics (1C)	ND	* *1	12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1
C9-C12 Aliphatics (1C)	ND	*1	12	3.7	mg/Kg	⊛	09/10/20 16:12	09/16/20 08:41	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Percent Solids: 79.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	42		40 - 140	09/10/20 16:12	09/16/20 08:41	1
2-Bromonaphthalene (Surr) (1C)	69		40 - 140	09/10/20 16:12	09/16/20 08:41	1
2-Fluorobiphenyl (Surr) (1C)	71		40 - 140	09/10/20 16:12	09/16/20 08:41	1
o- terphenyl (Surr) (1C)	58		40 - 140	09/10/20 16:12	09/16/20 08:41	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluoroheptanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorooctanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorononanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorodecanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorotridecanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorotetradecanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorobutanesulfonic acid	ND		2.5	0.50	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorohexanesulfonic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorooctanesulfonic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluoroundecanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Perfluorododecanoic acid	ND		0.75	0.25	ng/g	☆	09/08/20 08:51	09/09/20 02:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	75		11 - 138				09/08/20 08:51	09/09/20 02:22	1
13C4 PFHpA	70		15 - 139				09/08/20 08:51	09/09/20 02:22	1
13C8 PFOA	74		21 - 133				09/08/20 08:51	09/09/20 02:22	1
13C9 PFNA	79		15 - 145				09/08/20 08:51	09/09/20 02:22	1
13C6 PFDA	77		21 - 134				09/08/20 08:51	09/09/20 02:22	1
13C7 PFUnA	80		15 - 138				09/08/20 08:51	09/09/20 02:22	1
13C2-PFDoDA	82		28 - 126				09/08/20 08:51	09/09/20 02:22	1
13C2 PFTeDA	87		10 - 138				09/08/20 08:51	09/09/20 02:22	1
13C3 PFBS	77		23 - 130				09/08/20 08:51	09/09/20 02:22	1
13C3 PFHxS	77		24 - 136				09/08/20 08:51	09/09/20 02:22	1
13C8 PFOS	81		31 - 130				09/08/20 08:51	09/09/20 02:22	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Aluminum	18000		22	12	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Arsenic	4.7		3.3	1.3	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Barium	120	B	0.55	0.16	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Beryllium	0.92		0.55	0.11	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Cadmium	ND		0.55	0.11	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Calcium	1100		22	13	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Chromium	24		1.6	0.20	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Cobalt	5.2		0.55	0.16	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Copper	17		2.2	0.84	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Iron	21000		22	6.8	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Lead	12		1.6	0.66	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Magnesium	2800		11	4.4	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Manganese	250		1.1	0.57	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Nickel	14		1.1	0.28	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Potassium	1700		33	22	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Percent Solids: 79.7

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		5.5	1.6	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Silver	ND	^	1.1	0.44	mg/Kg	☆	09/09/20 04:48	09/16/20 16:11	1
Sodium	380		110	50	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Thallium	ND		3.3	1.4	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Zinc	34		2.2	1.1	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1
Vanadium	38		1.1	0.47	mg/Kg	☆	09/09/20 04:48	09/14/20 11:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.074	0.031	mg/Kg	☆	09/15/20 11:19	09/17/20 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20.3		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	79.7		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: GW-4A

Date Collected: 09/04/20 08:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-3

Matrix: Solid

Percent Solids: 90.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.63	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.42	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2,3-Trichlorobenzene	ND		11	5.3	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2-Dibromoethane	ND		5.3	0.42	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2-Dichlorobenzene	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2-Dichloroethane	ND		5.3	0.63	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,3-Dichlorobenzene	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
1,4-Dichlorobenzene	ND		5.3	0.42	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
2-Butanone	21		11	2.1	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
2-Hexanone	ND		11	1.1	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Acetone	380	B	21	6.3	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Benzene	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Bromochloromethane	ND		5.3	0.63	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Bromodichloromethane	ND		5.3	0.42	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Bromoform	ND		11	5.3	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Bromomethane	ND		5.3	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Carbon disulfide	0.79	J	5.3	0.63	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Chloroethane	ND		5.3	1.1	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1
Chloroform	ND		5.3	0.63	ug/Kg	☆	09/05/20 18:02	09/11/20 11:39	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4A

Lab Sample ID: 410-13195-3

Date Collected: 09/04/20 08:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 90.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	3.1	J	5.3	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
cis-1,3-Dichloropropene	ND		5.3	0.42	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Cyclohexane	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Dichlorodifluoromethane	ND		5.3	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Ethylbenzene	ND		5.3	0.42	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Freon 113	ND		11	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Isopropylbenzene	ND		5.3	0.42	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
m&p-Xylene	ND		5.3	1.1	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Methyl acetate	7.8		5.3	1.1	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Methylcyclohexane	ND		5.3	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
o-Xylene	ND		5.3	0.42	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Styrene	ND		5.3	0.42	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Toluene	ND		5.3	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Trichloroethene	ND		5.3	0.53	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Trichlorofluoromethane	ND		5.3	0.74	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1
Xylenes, Total	ND		11	1.5	ug/Kg	☼	09/05/20 18:02	09/11/20 11:39	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	11	T J	ug/Kg	☼	4.22		09/05/20 18:02	09/11/20 11:39	1
Tridecane	10	T J N	ug/Kg	☼	14.70	629-50-5	09/05/20 18:02	09/11/20 11:39	1
Tetradecane	5.6	T J N	ug/Kg	☼	15.34	629-59-4	09/05/20 18:02	09/11/20 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/05/20 18:02	09/11/20 11:39	1
4-Bromofluorobenzene (Surr)	90		70 - 130	09/05/20 18:02	09/11/20 11:39	1
Dibromofluoromethane (Surr)	107		70 - 130	09/05/20 18:02	09/11/20 11:39	1
Toluene-d8 (Surr)	100		70 - 130	09/05/20 18:02	09/11/20 11:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Acenaphthylene	95		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Anthracene	100		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Benzo[a]anthracene	100		91	36	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Benzo[a]pyrene	210		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Benzo[b]fluoranthene	200		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Benzo[g,h,i]perylene	270		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Benzo[k]fluoranthene	120		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Chrysene	130		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Dibenz(a,h)anthracene	ND		91	36	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Fluoranthene	150		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5
Fluorene	ND		91	18	ug/Kg	☼	09/14/20 18:00	09/15/20 23:08	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4A

Lab Sample ID: 410-13195-3

Date Collected: 09/04/20 08:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 90.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	200		91	18	ug/Kg	✱	09/14/20 18:00	09/15/20 23:08	5
Naphthalene	ND		91	36	ug/Kg	✱	09/14/20 18:00	09/15/20 23:08	5
Phenanthrene	62	J	91	18	ug/Kg	✱	09/14/20 18:00	09/15/20 23:08	5
Pyrene	180		91	18	ug/Kg	✱	09/14/20 18:00	09/15/20 23:08	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	66		30 - 130				09/14/20 18:00	09/15/20 23:08	5
Nitrobenzene-d5 (Surr)	60		30 - 130				09/14/20 18:00	09/15/20 23:08	5
p-Terphenyl-d14 (Surr)	70		30 - 130				09/14/20 18:00	09/15/20 23:08	5
2,4,6-Tribromophenol (Surr)	63		30 - 130				09/14/20 18:00	09/15/20 23:08	5
2-Fluorophenol (Surr)	64		30 - 130				09/14/20 18:00	09/15/20 23:08	5
Phenol-d5 (Surr)	67		30 - 130				09/14/20 18:00	09/15/20 23:08	5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.48	J B	1.2	0.22	mg/Kg	✱	09/09/20 19:43	09/10/20 15:06	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	99		50 - 142				09/09/20 19:43	09/10/20 15:06	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	21		13	5.5	mg/Kg	✱	09/11/20 09:49	09/16/20 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	92		42 - 143				09/11/20 09:49	09/16/20 00:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	4.0	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1221 (2C)	ND		19	5.1	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1232 (2C)	ND		19	8.8	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1242 (2C)	ND		19	3.6	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1248 (2C)	ND		19	3.6	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1254 (2C)	ND		19	3.6	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
PCB-1260 (2C)	ND		19	5.4	ug/Kg	✱	09/14/20 17:30	09/15/20 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	48	p	30 - 150				09/14/20 17:30	09/15/20 17:06	1
DCB Decachlorobiphenyl (Surr) (2C)	101		30 - 150				09/14/20 17:30	09/15/20 17:06	1
Tetrachloro-m-xylene (1C)	83		30 - 150				09/14/20 17:30	09/15/20 17:06	1
Tetrachloro-m-xylene (2C)	79		30 - 150				09/14/20 17:30	09/15/20 17:06	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluoroheptanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorooctanoic acid	0.39	J	0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorononanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorodecanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorotridecanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4A

Lab Sample ID: 410-13195-3

Date Collected: 09/04/20 08:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 90.6

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorobutanesulfonic acid	ND		2.1	0.42	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorohexanesulfonic acid	0.36	J	0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorooctanesulfonic acid	0.47	J	0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluoroundecanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1
Perfluorododecanoic acid	ND		0.63	0.21	ng/g	✱	09/08/20 08:51	09/09/20 02:32	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	63		11 - 138	09/08/20 08:51	09/09/20 02:32	1
13C4 PFHpA	63		15 - 139	09/08/20 08:51	09/09/20 02:32	1
13C8 PFOA	67		21 - 133	09/08/20 08:51	09/09/20 02:32	1
13C9 PFNA	69		15 - 145	09/08/20 08:51	09/09/20 02:32	1
13C6 PFDA	72		21 - 134	09/08/20 08:51	09/09/20 02:32	1
13C7 PFUnA	72		15 - 138	09/08/20 08:51	09/09/20 02:32	1
13C2-PFDoDA	74		28 - 126	09/08/20 08:51	09/09/20 02:32	1
13C2 PFTeDA	71		10 - 138	09/08/20 08:51	09/09/20 02:32	1
13C3 PFBS	67		23 - 130	09/08/20 08:51	09/09/20 02:32	1
13C3 PFHxS	68		24 - 136	09/08/20 08:51	09/09/20 02:32	1
13C8 PFOS	72		31 - 130	09/08/20 08:51	09/09/20 02:32	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	240		0.54	0.16	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1
Arsenic	6.2		3.2	1.3	mg/Kg	✱	09/15/20 11:05	09/17/20 14:16	1
Cadmium	0.47	J	0.54	0.11	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1
Chromium	48		1.6	0.19	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1
Lead	21	F2	1.6	0.65	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1
Selenium	2.1	J B	5.4	1.6	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1
Silver	0.70	J	1.1	0.43	mg/Kg	✱	09/15/20 11:05	09/16/20 10:07	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.2		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:42	1
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 14:42	1
Cadmium	0.0035	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:42	1
Chromium	0.0075	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 14:42	1
Lead	0.25		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 12:54	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 14:42	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 14:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.065	0.027	mg/Kg	✱	09/15/20 11:19	09/17/20 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>179		50.0	50.0	Degrees F			09/14/20 14:06	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4A

Date Collected: 09/04/20 08:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-3

Matrix: Solid

Percent Solids: 90.6

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		59	20	mg/Kg		09/17/20 08:30	09/17/20 22:51	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	9.4		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	90.6		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.2		0.01	0.01	S.U.			09/12/20 13:10	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 13:10	1

Client Sample ID: GW-4B

Date Collected: 09/04/20 08:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-4

Matrix: Solid

Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,1,2,2-Tetrachloroethane	ND		9.8	0.78	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,1,2-Trichloroethane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,1-Dichloroethane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,1-Dichloroethene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2,3-Trichlorobenzene	ND		20	9.8	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2,4-Trichlorobenzene	ND		20	9.8	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2-Dibromo-3-Chloropropane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2-Dibromoethane	ND		9.8	0.78	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2-Dichlorobenzene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2-Dichloroethane	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,2-Dichloropropane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,3-Dichlorobenzene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
1,4-Dichlorobenzene	ND		9.8	0.78	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
2-Butanone	22		20	3.9	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
2-Hexanone	ND		20	2.0	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
4-Methyl-2-pentanone	ND		20	2.0	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Acetone	350	B	39	12	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Benzene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Bromochloromethane	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Bromodichloromethane	ND		9.8	0.78	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Bromoform	ND		20	9.8	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Bromomethane	ND		9.8	1.4	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Carbon disulfide	3.3	J	9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Carbon tetrachloride	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Chlorobenzene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Chloroethane	ND		9.8	2.0	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Chloroform	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Chloromethane	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
cis-1,2-Dichloroethene	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
cis-1,3-Dichloropropene	ND		9.8	0.78	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Cyclohexane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Dibromochloromethane	ND		9.8	0.98	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1
Dichlorodifluoromethane	ND		9.8	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:02	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4B

Lab Sample ID: 410-13195-4

Date Collected: 09/04/20 08:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		9.8	0.78	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Freon 113	ND		20	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Isopropylbenzene	ND		9.8	0.78	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
m&p-Xylene	ND		9.8	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Methyl acetate	ND		9.8	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Methyl tertiary butyl ether	ND		9.8	0.98	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Methylcyclohexane	ND		9.8	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Methylene Chloride	ND		9.8	3.9	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
o-Xylene	ND		9.8	0.78	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Styrene	ND		9.8	0.78	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Tetrachloroethene	ND		9.8	0.98	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Toluene	ND		9.8	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
trans-1,2-Dichloroethene	ND		9.8	0.98	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
trans-1,3-Dichloropropene	ND		9.8	0.98	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Trichloroethene	ND		9.8	0.98	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Trichlorofluoromethane	ND		9.8	1.4	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Vinyl chloride	ND		9.8	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1
Xylenes, Total	ND		20	2.7	ug/Kg	☆	09/05/20 18:02	09/11/20 12:02	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	10	T J	ug/Kg	☆	4.22		09/05/20 18:02	09/11/20 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		70 - 130	09/05/20 18:02	09/11/20 12:02	1
4-Bromofluorobenzene (Surr)	87		70 - 130	09/05/20 18:02	09/11/20 12:02	1
Dibromofluoromethane (Surr)	110		70 - 130	09/05/20 18:02	09/11/20 12:02	1
Toluene-d8 (Surr)	100		70 - 130	09/05/20 18:02	09/11/20 12:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Acenaphthylene	ND		20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Anthracene	ND		20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Benzo[a]anthracene	8.0	J	20	8.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Benzo[a]pyrene	9.6	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Benzo[b]fluoranthene	15	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Benzo[g,h,i]perylene	13	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Benzo[k]fluoranthene	4.4	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Chrysene	9.2	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Dibenz(a,h)anthracene	ND		20	8.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Fluoranthene	10	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Fluorene	ND		20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Indeno[1,2,3-cd]pyrene	11	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Naphthalene	ND		20	8.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Phenanthrene	7.1	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1
Pyrene	11	J	20	4.0	ug/Kg	☆	09/14/20 18:00	09/16/20 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	68		30 - 130	09/14/20 18:00	09/16/20 09:59	1
Nitrobenzene-d5 (Surr)	63		30 - 130	09/14/20 18:00	09/16/20 09:59	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4B

Lab Sample ID: 410-13195-4

Date Collected: 09/04/20 08:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	74		30 - 130	09/14/20 18:00	09/16/20 09:59	1
2,4,6-Tribromophenol (Surr)	63		30 - 130	09/14/20 18:00	09/16/20 09:59	1
2-Fluorophenol (Surr)	66		30 - 130	09/14/20 18:00	09/16/20 09:59	1
Phenol-d5 (Surr)	65		30 - 130	09/14/20 18:00	09/16/20 09:59	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.44	J B	1.4	0.25	mg/Kg	☼	09/09/20 19:43	09/10/20 15:42	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	108		50 - 142				09/09/20 19:43	09/10/20 15:42	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	10	J	14	6.0	mg/Kg	☼	09/11/20 09:49	09/12/20 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	57		42 - 143				09/11/20 09:49	09/12/20 02:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		21	4.4	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1221 (2C)	ND		21	5.6	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1232 (2C)	ND		21	9.7	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1242 (2C)	ND		21	4.0	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1248 (2C)	ND		21	4.0	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1254 (2C)	ND		21	4.0	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
PCB-1260 (2C)	ND		21	5.9	ug/Kg	☼	09/14/20 17:30	09/15/20 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	51	p	30 - 150				09/14/20 17:30	09/15/20 17:16	1
DCB Decachlorobiphenyl (Surr) (2C)	104		30 - 150				09/14/20 17:30	09/15/20 17:16	1
Tetrachloro-m-xylene (1C)	87		30 - 150				09/14/20 17:30	09/15/20 17:16	1
Tetrachloro-m-xylene (2C)	84		30 - 150				09/14/20 17:30	09/15/20 17:16	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluoroheptanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorooctanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorononanoic acid	0.33	J	0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorodecanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorotridecanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorotetradecanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorobutanesulfonic acid	ND		2.3	0.45	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorohexanesulfonic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorooctanesulfonic acid	2.1		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluoroundecanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1
Perfluorododecanoic acid	ND		0.68	0.23	ng/g	☆	09/08/20 08:51	09/09/20 02:42	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4B

Date Collected: 09/04/20 08:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-4

Matrix: Solid

Percent Solids: 82.4

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	78		11 - 138	09/08/20 08:51	09/09/20 02:42	1
13C4 PFHpA	74		15 - 139	09/08/20 08:51	09/09/20 02:42	1
13C8 PFOA	80		21 - 133	09/08/20 08:51	09/09/20 02:42	1
13C9 PFNA	81		15 - 145	09/08/20 08:51	09/09/20 02:42	1
13C6 PFDA	82		21 - 134	09/08/20 08:51	09/09/20 02:42	1
13C7 PFUnA	89		15 - 138	09/08/20 08:51	09/09/20 02:42	1
13C2-PFDoDA	80		28 - 126	09/08/20 08:51	09/09/20 02:42	1
13C2 PFTeDA	81		10 - 138	09/08/20 08:51	09/09/20 02:42	1
13C3 PFBS	87		23 - 130	09/08/20 08:51	09/09/20 02:42	1
13C3 PFHxS	82		24 - 136	09/08/20 08:51	09/09/20 02:42	1
13C8 PFOS	88		31 - 130	09/08/20 08:51	09/09/20 02:42	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	240		0.45	0.14	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1
Arsenic	7.9		2.7	1.1	mg/Kg	✱	09/15/20 11:05	09/17/20 14:38	1
Cadmium	0.36	J	0.45	0.091	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1
Chromium	46		1.4	0.16	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1
Lead	20		1.4	0.54	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1
Selenium	ND		4.5	1.4	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1
Silver	0.92		0.91	0.36	mg/Kg	✱	09/15/20 11:05	09/16/20 10:28	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.91		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:45	1
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 13:45	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:45	1
Chromium	0.0035	J B	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 13:45	1
Lead	0.094		0.015	0.0071	mg/L		09/14/20 11:27	09/17/20 14:52	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 13:45	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 13:45	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 21:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.072	0.030	mg/Kg	✱	09/15/20 11:19	09/17/20 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176		50.0	50.0	Degrees F			09/14/20 14:07	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/17/20 08:30	09/17/20 22:52	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	17.6		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	82.4		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.1		0.01	0.01	S.U.			09/12/20 13:10	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 13:10	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,1,2,2-Tetrachloroethane	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,1,2-Trichloroethane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,1-Dichloroethane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,1-Dichloroethene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2,3-Trichlorobenzene	ND	*3	10	5.1	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2,4-Trichlorobenzene	ND	*3	10	5.1	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2-Dibromoethane	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2-Dichlorobenzene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2-Dichloroethane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,2-Dichloropropane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,3-Dichlorobenzene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
1,4-Dichlorobenzene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
2-Butanone	14	*3	10	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
2-Hexanone	ND	*3	10	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
4-Methyl-2-pentanone	ND	*3	10	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Acetone	180	B	20	6.1	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Benzene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Bromochloromethane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Bromodichloromethane	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Bromoform	ND	*3	10	5.1	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Bromomethane	ND	*3	5.1	0.71	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Carbon disulfide	12	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Carbon tetrachloride	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Chlorobenzene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Chloroethane	ND	*3	5.1	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Chloroform	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Chloromethane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
cis-1,2-Dichloroethene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
cis-1,3-Dichloropropene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Cyclohexane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Dibromochloromethane	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Dichlorodifluoromethane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Ethylbenzene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Freon 113	ND	*3	10	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Isopropylbenzene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
m&p-Xylene	ND	*3	5.1	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Methyl acetate	ND	*3	5.1	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Methyl tertiary butyl ether	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Methylcyclohexane	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Methylene Chloride	ND	*3	5.1	2.0	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
o-Xylene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Styrene	ND	*3	5.1	0.41	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Tetrachloroethene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Toluene	ND	*3	5.1	0.61	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
trans-1,2-Dichloroethene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
trans-1,3-Dichloropropene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1
Trichloroethene	ND	*3	5.1	0.51	ug/Kg	☆	09/05/20 18:02	09/11/20 12:25	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND	*3	5.1	0.71	ug/Kg	☼	09/05/20 18:02	09/11/20 12:25	1
Vinyl chloride	ND	*3	5.1	0.61	ug/Kg	☼	09/05/20 18:02	09/11/20 12:25	1
Xylenes, Total	ND	*3	10	1.4	ug/Kg	☼	09/05/20 18:02	09/11/20 12:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	10	T J	ug/Kg	☼	4.19		09/05/20 18:02	09/11/20 12:25	1
Unknown	6.7	T J	ug/Kg	☼	10.52		09/05/20 18:02	09/11/20 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117	*3	70 - 130	09/05/20 18:02	09/11/20 12:25	1
4-Bromofluorobenzene (Surr)	77	*3	70 - 130	09/05/20 18:02	09/11/20 12:25	1
Dibromofluoromethane (Surr)	117	*3	70 - 130	09/05/20 18:02	09/11/20 12:25	1
Toluene-d8 (Surr)	98	*3	70 - 130	09/05/20 18:02	09/11/20 12:25	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
1,2,4,5-Tetrachlorobenzene	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
1,4-Dioxane	ND		1800	530	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,2'-oxybis[1-chloropropane]	ND	*	230	110	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,3,4,6-Tetrachlorophenol	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4,5-Trichlorophenol	ND		350	160	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4,6-Trichlorophenol	ND		300	140	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4-Dichlorophenol	ND		230	110	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4-Dimethylphenol	ND	*	350	160	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4-Dinitrophenol	ND		5300	1800	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,4-Dinitrotoluene	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2,6-Dinitrotoluene	ND		270	120	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Chloronaphthalene	ND		180	35	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Chlorophenol	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Methylnaphthalene	ND		180	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Methylphenol	ND		350	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Nitroaniline	ND		270	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
2-Nitrophenol	ND		300	140	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
3,3'-Dichlorobenzidine	ND		1800	530	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
3-Nitroaniline	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4,6-Dinitro-2-methylphenol	ND		2700	1200	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Bromophenyl-phenylether	ND		270	120	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Chloro-3-methylphenol	ND		270	120	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Chlorophenyl-phenyl ether	ND		230	110	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Chloroaniline	ND		890	180	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Methylphenol	ND		270	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Nitroaniline	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
4-Nitrophenol	ND		2700	890	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Acenaphthylene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Acenaphthene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Acetophenone	ND		270	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Anthracene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Atrazine	ND		2300	1100	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Benzaldehyde	ND	*	890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		89	35	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Benzo[a]pyrene	20	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Benzo[b]fluoranthene	45	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Benzo[g,h,i]perylene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Benzo[k]fluoranthene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Bis(2-chloroethoxy)methane	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Bis(2-chloroethyl)ether	ND	*	270	120	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Bis(2-ethylhexyl) phthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Butylbenzylphthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Caprolactam	ND		890	180	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Carbazole	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Chrysene	30	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Di-n-butyl phthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Di-n-octyl phthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Dibenz(a,h)anthracene	ND		89	35	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Dibenzofuran	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Dimethyl phthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Diethyl phthalate	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Fluoranthene	40	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Fluorene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Hexachlorobenzene	ND		89	35	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Hexachlorobutadiene	ND		410	190	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Hexachlorocyclopentadiene	ND		2700	1100	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Hexachloroethane	ND		890	180	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Indeno[1,2,3-cd]pyrene	ND		89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Isophorone	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
N-Nitrosodi-n-propylamine	ND		270	120	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
N-Nitrosodiphenylamine	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Naphthalene	ND		89	35	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Nitrobenzene	ND		350	140	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Pentachlorophenol	ND		890	350	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Phenanthrene	22	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Phenol	ND		190	89	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5
Pyrene	43	J	89	18	ug/Kg	☼	09/14/20 18:00	09/16/20 10:23	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3800	T J B	ug/Kg	☼	3.78		09/14/20 18:00	09/16/20 10:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		30 - 130	09/14/20 18:00	09/16/20 10:23	5
2-Fluorophenol (Surr)	70		30 - 130	09/14/20 18:00	09/16/20 10:23	5
p-Terphenyl-d14 (Surr)	72		30 - 130	09/14/20 18:00	09/16/20 10:23	5
Phenol-d5 (Surr)	73		30 - 130	09/14/20 18:00	09/16/20 10:23	5
Nitrobenzene-d5 (Surr)	65		30 - 130	09/14/20 18:00	09/16/20 10:23	5
2-Fluorobiphenyl (Surr)	71		30 - 130	09/14/20 18:00	09/16/20 10:23	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	*	4.4	0.90	ug/Kg	☼	09/14/20 17:30	09/18/20 04:41	5
alpha-BHC (1C)	ND	*	4.4	0.90	ug/Kg	☼	09/14/20 17:30	09/18/20 04:41	5

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane (1C)	ND	*	4.4	0.90	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
beta-BHC (1C)	ND	* F1	5.3	2.3	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
delta-BHC (1C)	ND	* F1	5.3	2.4	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Dieldrin (1C)	ND	*	9.0	1.7	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endosulfan I (1C)	ND	*	4.4	1.2	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endosulfan II (1C)	ND	* F1	12	5.8	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endosulfan sulfate (1C)	ND	*	9.0	1.7	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endrin (1C)	ND	*	9.0	3.6	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endrin aldehyde (1C)	ND	*	9.0	1.7	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Endrin ketone (1C)	ND	*	11	3.2	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
gamma-BHC (Lindane) (1C)	ND	*	4.4	1.1	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
gamma-Chlordane (1C)	ND	*	4.4	1.3	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Heptachlor (1C)	ND	*	4.4	1.6	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Heptachlor epoxide (1C)	ND	*	4.4	0.90	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Methoxychlor (1C)	ND	*	35	9.5	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
Toxaphene (1C)	ND	*	170	74	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
p,p'-DDD (1C)	ND	*	9.0	1.7	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
p,p'-DDE (1C)	6.0	J *	9.0	1.7	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5
p,p'-DDT (2C)	28	* F1	9.0	4.2	ug/Kg	☆	09/14/20 17:30	09/18/20 04:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	116		30 - 150	09/14/20 17:30	09/18/20 04:41	5
DCB Decachlorobiphenyl (Surr) (2C)	124		30 - 150	09/14/20 17:30	09/18/20 04:41	5
Tetrachloro-m-xylene (Surr) (1C)	95		30 - 150	09/14/20 17:30	09/18/20 04:41	5
Tetrachloro-m-xylene (Surr) (2C)	97		30 - 150	09/14/20 17:30	09/18/20 04:41	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		18	3.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1221 (2C)	ND		18	4.9	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1232 (2C)	ND		18	8.4	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1242 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1248 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1254 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1
PCB-1260 (2C)	ND		18	5.2	ug/Kg	☆	09/14/20 17:30	09/15/20 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	48	p	30 - 150	09/14/20 17:30	09/15/20 17:26	1
DCB Decachlorobiphenyl (Surr) (2C)	91		30 - 150	09/14/20 17:30	09/15/20 17:26	1
Tetrachloro-m-xylene (1C)	80		30 - 150	09/14/20 17:30	09/15/20 17:26	1
Tetrachloro-m-xylene (2C)	76		30 - 150	09/14/20 17:30	09/15/20 17:26	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	390	F1	260	260	mg/Kg	☆	09/16/20 15:58	09/22/20 19:20	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	95		40 - 140	09/16/20 15:58	09/22/20 19:20	25
o-terphenyl (Surr)	85		40 - 140	09/16/20 15:58	09/22/20 19:20	25

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.3

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorotridecanoic acid	1.5		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorooctanesulfonic acid	0.59	J	0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluoroundecanoic acid	1.4	I	0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g	☆	09/08/20 08:51	09/09/20 02:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	76		11 - 138				09/08/20 08:51	09/09/20 02:51	1
13C4 PFHpA	73		15 - 139				09/08/20 08:51	09/09/20 02:51	1
13C8 PFOA	78		21 - 133				09/08/20 08:51	09/09/20 02:51	1
13C9 PFNA	80		15 - 145				09/08/20 08:51	09/09/20 02:51	1
13C6 PFDA	84		21 - 134				09/08/20 08:51	09/09/20 02:51	1
13C7 PFUnA	84		15 - 138				09/08/20 08:51	09/09/20 02:51	1
13C2-PFDoDA	82		28 - 126				09/08/20 08:51	09/09/20 02:51	1
13C2 PFTeDA	81		10 - 138				09/08/20 08:51	09/09/20 02:51	1
13C3 PFBS	79		23 - 130				09/08/20 08:51	09/09/20 02:51	1
13C3 PFHxS	77		24 - 136				09/08/20 08:51	09/09/20 02:51	1
13C8 PFOS	80		31 - 130				09/08/20 08:51	09/09/20 02:51	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.9	1.7	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Aluminum	9700		19	10	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Arsenic	5.4		2.9	1.2	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Barium	50	B	0.49	0.15	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Beryllium	0.54		0.49	0.097	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Cadmium	0.21	J	0.49	0.097	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Calcium	47000		97	58	mg/Kg	☆	09/09/20 04:48	09/16/20 16:54	5
Chromium	14		1.5	0.18	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Cobalt	4.1		0.49	0.14	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Copper	12		1.9	0.75	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Iron	12000		19	6.0	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Lead	27		1.5	0.58	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Magnesium	27000		9.7	3.9	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Manganese	240		0.97	0.51	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Nickel	9.7		0.97	0.25	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Potassium	920		29	20	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Selenium	ND		4.9	1.5	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Silver	ND		0.97	0.39	mg/Kg	☆	09/09/20 04:48	09/16/20 16:14	1
Sodium	120		97	45	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Thallium	ND		2.9	1.3	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Zinc	74		1.9	0.97	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1
Vanadium	29		0.97	0.42	mg/Kg	☆	09/09/20 04:48	09/14/20 12:08	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Date Collected: 09/04/20 11:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-5

Matrix: Solid

Percent Solids: 93.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027	J	0.063	0.026	mg/Kg	☆	09/15/20 11:19	09/17/20 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.54	0.19	mg/Kg	☆	09/16/20 14:39	09/16/20 22:03	1
Sulfide, Reactive	ND		150	51	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	6.7		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	93.3		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-1B

Date Collected: 09/04/20 11:50

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-6

Matrix: Solid

Percent Solids: 82.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,1,1,2-Tetrachloroethane	ND		6.2	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,1,2-Trichloroethane	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,1-Dichloroethane	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,1-Dichloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2,3-Trichlorobenzene	ND		12	6.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2,4-Trichlorobenzene	ND		12	6.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2-Dibromo-3-Chloropropane	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2-Dibromoethane	ND		6.2	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2-Dichlorobenzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2-Dichloroethane	ND		6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,2-Dichloropropane	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,3-Dichlorobenzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
1,4-Dichlorobenzene	ND		6.2	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
2-Butanone	15		12	2.5	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
2-Hexanone	ND		12	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Acetone	180	B	25	7.4	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Benzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Bromochloromethane	ND		6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Bromodichloromethane	ND		6.2	0.49	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Bromoform	ND		12	6.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Bromomethane	ND		6.2	0.86	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Carbon disulfide	4.0	J	6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Carbon tetrachloride	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Chlorobenzene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Chloroethane	ND		6.2	1.2	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Chloroform	ND		6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
Chloromethane	ND		6.2	0.74	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	☆	09/05/20 18:02	09/11/20 12:48	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.2	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Cyclohexane	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Dibromochloromethane	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Dichlorodifluoromethane	ND		6.2	0.74	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Ethylbenzene	ND		6.2	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Freon 113	ND		12	0.74	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Isopropylbenzene	ND		6.2	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
m&p-Xylene	ND		6.2	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Methyl acetate	ND		6.2	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Methyl tertiary butyl ether	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Methylcyclohexane	ND		6.2	0.74	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Methylene Chloride	ND		6.2	2.5	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
o-Xylene	ND		6.2	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Styrene	ND		6.2	0.49	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Tetrachloroethene	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Toluene	ND		6.2	0.74	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Trichloroethene	ND		6.2	0.62	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Trichlorofluoromethane	ND		6.2	0.86	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Vinyl chloride	ND		6.2	0.74	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1
Xylenes, Total	ND		12	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 12:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	9.9	T J	ug/Kg	✱	4.22		09/05/20 18:02	09/11/20 12:48	1
Unknown	20	T J	ug/Kg	✱	10.52		09/05/20 18:02	09/11/20 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130	09/05/20 18:02	09/11/20 12:48	1
4-Bromofluorobenzene (Surr)	86		70 - 130	09/05/20 18:02	09/11/20 12:48	1
Dibromofluoromethane (Surr)	111		70 - 130	09/05/20 18:02	09/11/20 12:48	1
Toluene-d8 (Surr)	97		70 - 130	09/05/20 18:02	09/11/20 12:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
1,2,4,5-Tetrachlorobenzene	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
1,4-Dioxane	ND		2000	600	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,2'-oxybis[1-chloropropane]	ND *		260	120	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,3,4,6-Tetrachlorophenol	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4,5-Trichlorophenol	ND		400	180	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4,6-Trichlorophenol	ND		340	160	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4-Dichlorophenol	ND		260	120	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4-Dimethylphenol	ND *		400	180	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4-Dinitrophenol	ND		6000	2000	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,4-Dinitrotoluene	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2,6-Dinitrotoluene	ND		300	140	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2-Chloronaphthalene	ND		200	40	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2-Chlorophenol	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2-Methylnaphthalene	ND		200	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		400	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2-Nitroaniline	ND		300	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
2-Nitrophenol	ND		340	160	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
3,3'-Dichlorobenzidine	ND		2000	600	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
3-Nitroaniline	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4,6-Dinitro-2-methylphenol	ND		3000	1400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Bromophenyl-phenylether	ND		300	140	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Chloro-3-methylphenol	ND		300	140	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Chlorophenyl-phenyl ether	ND		260	120	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Chloroaniline	ND		1000	200	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Methylphenol	ND		300	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Nitroaniline	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
4-Nitrophenol	ND		3000	1000	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Acenaphthylene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Acenaphthene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Acetophenone	ND		300	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Anthracene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Atrazine	ND		2600	1200	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzaldehyde	ND	*	1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzo[a]anthracene	ND		100	40	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzo[a]pyrene	25	J	100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzo[b]fluoranthene	56	J	100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzo[g,h,i]perylene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Benzo[k]fluoranthene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Bis(2-chloroethoxy)methane	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Bis(2-chloroethyl)ether	ND	*	300	140	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Bis(2-ethylhexyl) phthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Butylbenzylphthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Caprolactam	ND		1000	200	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Carbazole	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Chrysene	29	J	100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Di-n-butyl phthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Di-n-octyl phthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Dibenz(a,h)anthracene	ND		100	40	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Dibenzofuran	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Dimethyl phthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Diethyl phthalate	ND		1000	400	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Fluoranthene	40	J	100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Fluorene	ND		100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Hexachlorobenzene	ND		100	40	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Hexachlorobutadiene	ND		460	220	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Hexachlorocyclopentadiene	ND		3000	1200	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Hexachloroethane	ND		1000	200	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Indeno[1,2,3-cd]pyrene	28	J	100	20	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Isophorone	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
N-Nitrosodi-n-propylamine	ND		300	140	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
N-Nitrosodiphenylamine	ND		220	100	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Naphthalene	ND		100	40	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5
Nitrobenzene	ND		400	160	ug/Kg	✱	09/14/20 18:00	09/16/20 10:46	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1000	400	ug/Kg	☼	09/14/20 18:00	09/16/20 10:46	5
Phenanthrene	22	J	100	20	ug/Kg	☼	09/14/20 18:00	09/16/20 10:46	5
Phenol	ND		220	100	ug/Kg	☼	09/14/20 18:00	09/16/20 10:46	5
Pyrene	49	J	100	20	ug/Kg	☼	09/14/20 18:00	09/16/20 10:46	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2800	T J B	ug/Kg	☼	3.78		09/14/20 18:00	09/16/20 10:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	61		30 - 130	09/14/20 18:00	09/16/20 10:46	5
2-Fluorophenol (Surr)	64		30 - 130	09/14/20 18:00	09/16/20 10:46	5
p-Terphenyl-d14 (Surr)	71		30 - 130	09/14/20 18:00	09/16/20 10:46	5
Phenol-d5 (Surr)	68		30 - 130	09/14/20 18:00	09/16/20 10:46	5
Nitrobenzene-d5 (Surr)	63		30 - 130	09/14/20 18:00	09/16/20 10:46	5
2-Fluorobiphenyl (Surr)	68		30 - 130	09/14/20 18:00	09/16/20 10:46	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
alpha-BHC (2C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
alpha-Chlordane (2C)	0.45	J *	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
beta-BHC (1C)	ND	*	1.2	0.53	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
delta-BHC (1C)	ND	*	1.2	0.54	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Dieldrin (1C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endosulfan I (1C)	ND	*	1.0	0.27	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endosulfan II (1C)	ND	*	2.8	1.3	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endosulfan sulfate (1C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endrin (1C)	ND	*	2.1	0.82	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endrin aldehyde (1C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Endrin ketone (1C)	ND	*	2.4	0.73	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
gamma-BHC (Lindane) (1C)	ND	*	1.0	0.25	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
gamma-Chlordane (1C)	ND	*	1.0	0.30	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Heptachlor (1C)	ND	*	1.0	0.38	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Heptachlor epoxide (1C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Methoxychlor (1C)	ND	*	8.1	2.2	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
Toxaphene (1C)	ND	*	40	17	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
p,p'-DDD (1C)	0.94	J *	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
p,p'-DDE (1C)	4.8	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 05:18	1
p,p'-DDT (1C)	24	*	10	4.8	ug/Kg	☼	09/14/20 17:30	09/24/20 16:52	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	108		30 - 150	09/14/20 17:30	09/18/20 05:18	1
DCB Decachlorobiphenyl (Surr) (1C)	118		30 - 150	09/14/20 17:30	09/24/20 16:52	5
DCB Decachlorobiphenyl (Surr) (2C)	111		30 - 150	09/14/20 17:30	09/18/20 05:18	1
DCB Decachlorobiphenyl (Surr) (2C)	112		30 - 150	09/14/20 17:30	09/24/20 16:52	5
Tetrachloro-m-xylene (Surr) (1C)	68		30 - 150	09/14/20 17:30	09/18/20 05:18	1
Tetrachloro-m-xylene (Surr) (1C)	91		30 - 150	09/14/20 17:30	09/24/20 16:52	5
Tetrachloro-m-xylene (Surr) (2C)	67		30 - 150	09/14/20 17:30	09/18/20 05:18	1
Tetrachloro-m-xylene (Surr) (2C)	77		30 - 150	09/14/20 17:30	09/24/20 16:52	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		21	4.4	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1221 (2C)	ND		21	5.6	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1232 (2C)	ND		21	9.7	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1242 (2C)	ND		21	4.0	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1248 (2C)	ND		21	4.0	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1254 (2C)	ND		21	4.0	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1
PCB-1260 (2C)	ND		21	5.9	ug/Kg	✱	09/14/20 17:30	09/15/20 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	55	p	30 - 150	09/14/20 17:30	09/15/20 17:37	1
DCB Decachlorobiphenyl (Surr) (2C)	103		30 - 150	09/14/20 17:30	09/15/20 17:37	1
Tetrachloro-m-xylene (1C)	82		30 - 150	09/14/20 17:30	09/15/20 17:37	1
Tetrachloro-m-xylene (2C)	77		30 - 150	09/14/20 17:30	09/15/20 17:37	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	130		59	59	mg/Kg	✱	09/16/20 15:58	09/22/20 17:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	77		40 - 140	09/16/20 15:58	09/22/20 17:16	5
o-terphenyl (Surr)	71		40 - 140	09/16/20 15:58	09/22/20 17:16	5

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluoroheptanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorooctanoic acid	0.25	J	0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorononanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorodecanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorotridecanoic acid	1.1	I	0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorotetradecanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorobutanesulfonic acid	ND		2.3	0.46	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorohexanesulfonic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorooctanesulfonic acid	0.86		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluoroundecanoic acid	1.0	I	0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1
Perfluorododecanoic acid	ND		0.69	0.23	ng/g	✱	09/08/20 11:18	09/09/20 19:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	79		11 - 138	09/08/20 11:18	09/09/20 19:36	1
13C4 PFHpA	77		15 - 139	09/08/20 11:18	09/09/20 19:36	1
13C8 PFOA	81		21 - 133	09/08/20 11:18	09/09/20 19:36	1
13C9 PFNA	71		15 - 145	09/08/20 11:18	09/09/20 19:36	1
13C6 PFDA	77		21 - 134	09/08/20 11:18	09/09/20 19:36	1
13C7 PFUnA	82		15 - 138	09/08/20 11:18	09/09/20 19:36	1
13C2-PFDoDA	80		28 - 126	09/08/20 11:18	09/09/20 19:36	1
13C2 PFTeDA	77		10 - 138	09/08/20 11:18	09/09/20 19:36	1
13C3 PFBS	76		23 - 130	09/08/20 11:18	09/09/20 19:36	1
13C3 PFHxS	86		24 - 136	09/08/20 11:18	09/09/20 19:36	1
13C8 PFOS	81		31 - 130	09/08/20 11:18	09/09/20 19:36	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Aluminum	21000		22	12	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Arsenic	8.0		3.3	1.3	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Barium	130	B	0.55	0.17	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Beryllium	1.2		0.55	0.11	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Cadmium	0.18	J	0.55	0.11	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Calcium	39000		22	13	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Chromium	28		1.7	0.20	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Cobalt	9.5		0.55	0.16	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Copper	21		2.2	0.85	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Iron	27000		22	6.9	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Lead	41		1.7	0.66	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Magnesium	25000		11	4.4	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Manganese	430		1.1	0.57	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Nickel	21		1.1	0.29	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Potassium	2700		33	23	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Selenium	ND		5.5	1.7	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Silver	0.50	J	1.1	0.44	mg/Kg	✱	09/09/20 04:48	09/16/20 16:35	1
Sodium	800		110	51	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Thallium	ND		3.3	1.4	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Zinc	110		2.2	1.1	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1
Vanadium	50		1.1	0.48	mg/Kg	✱	09/09/20 04:48	09/14/20 12:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.071	0.029	mg/Kg	✱	09/15/20 11:19	09/17/20 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.62	0.22	mg/Kg	✱	09/16/20 14:39	09/16/20 21:56	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	17.7		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	82.3		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,1,2-Trichloroethane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2,3-Trichlorobenzene	ND		9.7	4.8	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.7	4.8	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2-Dibromoethane	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2-Dichloroethane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,2-Dichloropropane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
1,4-Dichlorobenzene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
2-Butanone	11		9.7	1.9	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
2-Hexanone	ND		9.7	0.97	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
4-Methyl-2-pentanone	ND		9.7	0.97	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Acetone	180	B	19	5.8	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Benzene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Bromochloromethane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Bromodichloromethane	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Bromoform	ND		9.7	4.8	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Bromomethane	ND		4.8	0.68	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Carbon disulfide	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Carbon tetrachloride	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Chlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Chloroethane	ND		4.8	0.97	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Chloroform	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Chloromethane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
cis-1,3-Dichloropropene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Cyclohexane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Dichlorodifluoromethane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Ethylbenzene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Freon 113	ND		9.7	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Isopropylbenzene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
m&p-Xylene	ND		4.8	0.97	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Methyl acetate	ND		4.8	0.97	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Methyl tertiary butyl ether	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Methylcyclohexane	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
o-Xylene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Styrene	ND		4.8	0.39	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Toluene	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
trans-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
trans-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Trichloroethene	ND		4.8	0.48	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Trichlorofluoromethane	ND		4.8	0.68	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1
Xylenes, Total	ND		9.7	1.4	ug/Kg	✱	09/05/20 18:02	09/11/20 13:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	✱			09/05/20 18:02	09/11/20 13:11	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 130	09/05/20 18:02	09/11/20 13:11	1
4-Bromofluorobenzene (Surr)	87		70 - 130	09/05/20 18:02	09/11/20 13:11	1
Dibromofluoromethane (Surr)	113		70 - 130	09/05/20 18:02	09/11/20 13:11	1
Toluene-d8 (Surr)	100		70 - 130	09/05/20 18:02	09/11/20 13:11	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		210	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
1,2,4,5-Tetrachlorobenzene	ND		210	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
1,4-Dioxane	ND		1900	570	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,2'-oxybis[1-chloropropane]	ND	*	250	110	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,3,4,6-Tetrachlorophenol	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4,5-Trichlorophenol	ND		380	170	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4,6-Trichlorophenol	ND		320	150	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4-Dichlorophenol	ND		250	110	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4-Dimethylphenol	ND	*	380	170	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4-Dinitrophenol	ND		5700	1900	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,4-Dinitrotoluene	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2,6-Dinitrotoluene	ND		280	130	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Chloronaphthalene	ND		190	38	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Chlorophenol	ND		210	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Methylnaphthalene	ND		190	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Methylphenol	ND		380	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Nitroaniline	ND		280	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
2-Nitrophenol	ND		320	150	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
3,3'-Dichlorobenzidine	ND		1900	570	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
3-Nitroaniline	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4,6-Dinitro-2-methylphenol	ND		2800	1300	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Bromophenyl-phenylether	ND		280	130	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Chloro-3-methylphenol	ND		280	130	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Chlorophenyl-phenyl ether	ND		250	110	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Chloroaniline	ND		950	190	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Methylphenol	ND		280	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Nitroaniline	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
4-Nitrophenol	ND		2800	950	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Acenaphthylene	ND		95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Acenaphthene	ND		95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Acetophenone	ND		280	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Anthracene	ND		95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Atrazine	ND		2500	1100	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzaldehyde	ND	*	950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzo[a]anthracene	51	J	95	38	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzo[a]pyrene	75	J	95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzo[b]fluoranthene	73	J	95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzo[g,h,i]perylene	55	J	95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Benzo[k]fluoranthene	31	J	95	19	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Bis(2-chloroethoxy)methane	ND		210	95	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Bis(2-chloroethyl)ether	ND	*	280	130	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Bis(2-ethylhexyl) phthalate	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5
Butylbenzylphthalate	ND		950	380	ug/Kg	☆	09/14/20 18:00	09/16/20 11:10	5

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		950	190	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Carbazole	ND		210	95	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Chrysene	67	J	95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Di-n-butyl phthalate	ND		950	380	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Di-n-octyl phthalate	ND		950	380	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Dibenz(a,h)anthracene	ND		95	38	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Dibenzofuran	ND		210	95	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Dimethyl phthalate	ND		950	380	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Diethyl phthalate	ND		950	380	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Fluoranthene	68	J	95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Fluorene	ND		95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Hexachlorobenzene	ND		95	38	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Hexachlorobutadiene	ND		440	210	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Hexachlorocyclopentadiene	ND		2800	1100	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Hexachloroethane	ND		950	190	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Indeno[1,2,3-cd]pyrene	52	J	95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Isophorone	ND		210	95	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
N-Nitrosodi-n-propylamine	ND		280	130	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
N-Nitrosodiphenylamine	ND		210	95	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Naphthalene	ND		95	38	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Nitrobenzene	ND		380	150	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Pentachlorophenol	ND		950	380	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Phenanthrene	29	J	95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Phenol	ND		210	95	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5
Pyrene	84	J	95	19	ug/Kg	☼	09/14/20 18:00	09/16/20 11:10	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3500	T J B	ug/Kg	☼	3.78		09/14/20 18:00	09/16/20 11:10	5
Tridecane	900	T J N	ug/Kg	☼	7.30	629-50-5	09/14/20 18:00	09/16/20 11:10	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		30 - 130	09/14/20 18:00	09/16/20 11:10	5
2-Fluorophenol (Surr)	65		30 - 130	09/14/20 18:00	09/16/20 11:10	5
p-Terphenyl-d14 (Surr)	78		30 - 130	09/14/20 18:00	09/16/20 11:10	5
Phenol-d5 (Surr)	68		30 - 130	09/14/20 18:00	09/16/20 11:10	5
Nitrobenzene-d5 (Surr)	64		30 - 130	09/14/20 18:00	09/16/20 11:10	5
2-Fluorobiphenyl (Surr)	72		30 - 130	09/14/20 18:00	09/16/20 11:10	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	*	0.95	0.19	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
alpha-BHC (1C)	ND	*	0.95	0.19	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
alpha-Chlordane (1C)	ND	*	0.95	0.19	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
beta-BHC (1C)	ND	*	1.1	0.50	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
delta-BHC (2C)	ND	*	1.1	0.51	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
Dieldrin (2C)	ND	*	1.9	0.38	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
Endosulfan I (1C)	ND	*	0.95	0.25	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
Endosulfan II (1C)	ND	*	2.6	1.3	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
Endosulfan sulfate (1C)	ND	*	1.9	0.38	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1
Endrin (1C)	ND	*	1.9	0.78	ug/Kg	☼	09/14/20 17:30	09/18/20 05:30	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde (1C)	ND	*	1.9	0.38	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
Endrin ketone (1C)	ND	*	2.3	0.69	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
gamma-BHC (Lindane) (1C)	ND	*	0.95	0.24	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
gamma-Chlordane (1C)	ND	*	0.95	0.29	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
Heptachlor (1C)	ND	*	0.95	0.35	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
Heptachlor epoxide (1C)	ND	*	0.95	0.19	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
Methoxychlor (1C)	ND	*	7.7	2.1	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
Toxaphene (1C)	ND	*	38	16	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
p,p'-DDD (1C)	ND	*	1.9	0.38	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
p,p'-DDE (2C)	0.39	J *	1.9	0.38	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1
p,p'-DDT (1C)	ND	*	1.9	0.90	ug/Kg	☆	09/14/20 17:30	09/18/20 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	158	X	30 - 150	09/14/20 17:30	09/18/20 05:30	1
DCB Decachlorobiphenyl (Surr) (2C)	163	X	30 - 150	09/14/20 17:30	09/18/20 05:30	1
Tetrachloro-m-xylene (Surr) (1C)	129		30 - 150	09/14/20 17:30	09/18/20 05:30	1
Tetrachloro-m-xylene (Surr) (2C)	119		30 - 150	09/14/20 17:30	09/18/20 05:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	4.1	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1221 (2C)	ND		19	5.3	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1232 (2C)	ND		19	9.1	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1242 (2C)	ND		19	3.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1248 (2C)	ND		19	3.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1254 (2C)	ND		19	3.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1
PCB-1260 (2C)	ND		19	5.6	ug/Kg	☆	09/14/20 17:30	09/15/20 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	44	p	30 - 150	09/14/20 17:30	09/15/20 17:47	1
DCB Decachlorobiphenyl (Surr) (2C)	86		30 - 150	09/14/20 17:30	09/15/20 17:47	1
Tetrachloro-m-xylene (1C)	74		30 - 150	09/14/20 17:30	09/15/20 17:47	1
Tetrachloro-m-xylene (2C)	69		30 - 150	09/14/20 17:30	09/15/20 17:47	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	100		56	56	mg/Kg	☆	09/16/20 15:58	09/22/20 18:06	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	69		40 - 140	09/16/20 15:58	09/22/20 18:06	5
o-terphenyl (Surr)	63		40 - 140	09/16/20 15:58	09/22/20 18:06	5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.1	1.7	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Aluminum	20000		20	11	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Arsenic	3.7		3.1	1.2	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Barium	140	B	0.51	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Beryllium	1.4		0.51	0.10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Cadmium	ND		0.51	0.10	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Calcium	8900		20	12	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Date Collected: 09/04/20 13:10

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-7

Matrix: Solid

Percent Solids: 86.9

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	37		1.5	0.18	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Cobalt	19		0.51	0.15	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Copper	110		2.0	0.78	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Iron	39000		100	32	mg/Kg	☆	09/08/20 17:25	09/16/20 16:50	5
Lead	16		1.5	0.61	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Magnesium	9200		10	4.1	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Manganese	910		1.0	0.53	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Nickel	28		1.0	0.26	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Potassium	4700		31	21	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Selenium	ND		5.1	1.5	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Silver	0.80	J	1.0	0.41	mg/Kg	☆	09/08/20 17:25	09/16/20 16:04	1
Sodium	1700		100	47	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Thallium	ND		3.1	1.3	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Zinc	85		2.0	1.0	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1
Vanadium	77		1.0	0.44	mg/Kg	☆	09/08/20 17:25	09/14/20 11:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.068	0.028	mg/Kg	☆	09/15/20 11:19	09/17/20 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.61	0.22	mg/Kg	☆	09/16/20 14:39	09/16/20 21:58	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	13.1		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	86.9		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-2B

Date Collected: 09/04/20 13:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-8

Matrix: Solid

Percent Solids: 93.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.56	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.38	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,1,2-Trichloroethane	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,1-Dichloroethane	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,1-Dichloroethene	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2,3-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2,4-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2-Dibromo-3-Chloropropane	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2-Dibromoethane	ND		4.7	0.38	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2-Dichlorobenzene	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2-Dichloroethane	ND		4.7	0.56	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,2-Dichloropropane	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1
1,3-Dichlorobenzene	ND		4.7	0.47	ug/Kg	☆	09/05/20 18:02	09/11/20 13:34	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
2-Butanone	7.8	J	9.4	1.9	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
2-Hexanone	ND		9.4	0.94	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
4-Methyl-2-pentanone	ND		9.4	0.94	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Acetone	83	B	19	5.6	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Benzene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Bromochloromethane	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Bromodichloromethane	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Bromoform	ND		9.4	4.7	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Bromomethane	ND		4.7	0.66	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Carbon disulfide	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Carbon tetrachloride	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Chlorobenzene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Chloroethane	ND		4.7	0.94	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Chloroform	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Chloromethane	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
cis-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
cis-1,3-Dichloropropene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Cyclohexane	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Dibromochloromethane	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Dichlorodifluoromethane	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Ethylbenzene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Freon 113	ND		9.4	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Isopropylbenzene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
m&p-Xylene	ND		4.7	0.94	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Methyl acetate	ND		4.7	0.94	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Methyl tertiary butyl ether	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Methylcyclohexane	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Methylene Chloride	ND		4.7	1.9	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
o-Xylene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Styrene	ND		4.7	0.38	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Tetrachloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Toluene	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
trans-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
trans-1,3-Dichloropropene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Trichloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Trichlorofluoromethane	ND		4.7	0.66	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Vinyl chloride	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1
Xylenes, Total	ND		9.4	1.3	ug/Kg	☼	09/05/20 18:02	09/11/20 13:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.0	T J	ug/Kg	☼	4.21		09/05/20 18:02	09/11/20 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/05/20 18:02	09/11/20 13:34	1
4-Bromofluorobenzene (Surr)	86		70 - 130	09/05/20 18:02	09/11/20 13:34	1
Dibromofluoromethane (Surr)	112		70 - 130	09/05/20 18:02	09/11/20 13:34	1
Toluene-d8 (Surr)	100		70 - 130	09/05/20 18:02	09/11/20 13:34	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		39	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
1,2,4,5-Tetrachlorobenzene	ND		39	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
1,4-Dioxane	ND		350	110	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,2'-oxybis[1-chloropropane]	ND	*	46	21	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,3,4,6-Tetrachlorophenol	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4,5-Trichlorophenol	ND		70	32	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4,6-Trichlorophenol	ND		60	28	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4-Dichlorophenol	ND		46	21	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4-Dimethylphenol	ND	*	70	32	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4-Dinitrophenol	ND		1100	350	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,4-Dinitrotoluene	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2,6-Dinitrotoluene	ND		53	25	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Chloronaphthalene	ND		35	7.0	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Chlorophenol	ND		39	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Methylnaphthalene	7.1	J	35	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Methylphenol	ND		70	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Nitroaniline	ND		53	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
2-Nitrophenol	ND		60	28	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
3,3'-Dichlorobenzidine	ND		350	110	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
3-Nitroaniline	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4,6-Dinitro-2-methylphenol	ND		530	250	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Bromophenyl-phenylether	ND		53	25	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Chloro-3-methylphenol	ND		53	25	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Chlorophenyl-phenyl ether	ND		46	21	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Chloroaniline	ND		180	35	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Methylphenol	ND	*	53	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Nitroaniline	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
4-Nitrophenol	ND		530	180	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Acenaphthylene	47		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Acenaphthene	7.2	J	18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Acetophenone	ND		53	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Anthracene	17	J	18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Atrazine	ND		460	210	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzaldehyde	ND	*	180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzo[a]anthracene	39		18	7.0	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzo[a]pyrene	74		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzo[b]fluoranthene	90		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzo[g,h,i]perylene	89		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Benzo[k]fluoranthene	26		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Bis(2-chloroethoxy)methane	ND	*	39	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Bis(2-chloroethyl)ether	ND		53	25	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Bis(2-ethylhexyl) phthalate	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Butylbenzylphthalate	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Caprolactam	ND		180	35	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Carbazole	ND		39	18	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Chrysene	50		18	3.5	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Di-n-butyl phthalate	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Di-n-octyl phthalate	ND		180	70	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1
Dibenz(a,h)anthracene	17	J	18	7.0	ug/Kg	✱	09/16/20 09:25	09/16/20 21:01	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		39	18	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Dimethyl phthalate	ND		180	70	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Diethyl phthalate	ND		180	70	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Fluoranthene	71		18	3.5	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Fluorene	12 J		18	3.5	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Hexachlorobenzene	ND		18	7.0	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Hexachlorobutadiene	ND *		81	39	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Hexachlorocyclopentadiene	ND		530	210	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Hexachloroethane	ND *		180	35	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Indeno[1,2,3-cd]pyrene	72		18	3.5	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Isophorone	ND *		39	18	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
N-Nitrosodi-n-propylamine	ND *		53	25	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
N-Nitrosodiphenylamine	ND		39	18	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Naphthalene	10 J		18	7.0	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Nitrobenzene	ND *		70	28	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Pentachlorophenol	ND		180	70	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Phenanthrene	28		18	3.5	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Phenol	ND		39	18	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1
Pyrene	70		18	3.5	ug/Kg	☼	09/16/20 09:25	09/16/20 21:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	950	T J B	ug/Kg	☼	0.96		09/16/20 09:25	09/16/20 21:01	1
Benzene	1400	T J N B	ug/Kg	☼	1.01	71-43-2	09/16/20 09:25	09/16/20 21:01	1
Unknown	1000	T J	ug/Kg	☼	2.84		09/16/20 09:25	09/16/20 21:01	1
Unknown	290	T J	ug/Kg	☼	11.88		09/16/20 09:25	09/16/20 21:01	1
1,2,4,5-Dibenzopyrene	270	T J N	ug/Kg	☼	11.99	192-65-4	09/16/20 09:25	09/16/20 21:01	1
Unknown	170	T J	ug/Kg	☼	12.19		09/16/20 09:25	09/16/20 21:01	1
Unknown	240	T J	ug/Kg	☼	13.10		09/16/20 09:25	09/16/20 21:01	1
Unknown	180	T J	ug/Kg	☼	13.36		09/16/20 09:25	09/16/20 21:01	1
Unknown	150	T J	ug/Kg	☼	13.40		09/16/20 09:25	09/16/20 21:01	1
4-[Trichloromethyl]-2-[[4-nitrophenyl]thio]pyrimidine	150	T J N	ug/Kg	☼	13.62	1000214-29-6	09/16/20 09:25	09/16/20 21:01	1
Unknown	170	T J	ug/Kg	☼	13.71		09/16/20 09:25	09/16/20 21:01	1
28-Nor-17.beta.(H)-hopane	200	T J N	ug/Kg	☼	13.92	36728-72-0	09/16/20 09:25	09/16/20 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		30 - 130	09/16/20 09:25	09/16/20 21:01	1
2-Fluorophenol (Surr)	67		30 - 130	09/16/20 09:25	09/16/20 21:01	1
p-Terphenyl-d14 (Surr)	74		30 - 130	09/16/20 09:25	09/16/20 21:01	1
Phenol-d5 (Surr)	69		30 - 130	09/16/20 09:25	09/16/20 21:01	1
Nitrobenzene-d5 (Surr)	56		30 - 130	09/16/20 09:25	09/16/20 21:01	1
2-Fluorobiphenyl (Surr)	75		30 - 130	09/16/20 09:25	09/16/20 21:01	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND *		0.87	0.18	ug/Kg	☼	09/14/20 17:30	09/17/20 12:29	1
alpha-BHC (1C)	ND *		0.87	0.18	ug/Kg	☼	09/14/20 17:30	09/17/20 12:29	1
alpha-Chlordane (1C)	ND *		0.87	0.18	ug/Kg	☼	09/14/20 17:30	09/17/20 12:29	1
beta-BHC (1C)	ND *		1.1	0.46	ug/Kg	☼	09/14/20 17:30	09/17/20 12:29	1
delta-BHC (1C)	ND *		1.1	0.47	ug/Kg	☼	09/14/20 17:30	09/17/20 12:29	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin (2C)	ND	*	1.8	0.35	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endosulfan I (1C)	ND	*	0.87	0.23	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endosulfan II (1C)	ND	*	2.4	1.2	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endosulfan sulfate (1C)	ND	*	1.8	0.35	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endrin (1C)	ND	*	1.8	0.71	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endrin aldehyde (1C)	ND	*	1.8	0.35	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Endrin ketone (1C)	ND	*	2.1	0.63	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
gamma-BHC (Lindane) (1C)	ND	*	0.87	0.22	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
gamma-Chlordane (1C)	ND	*	0.87	0.26	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Heptachlor (1C)	ND		0.87	0.33	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Heptachlor epoxide (2C)	ND	*	0.87	0.18	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Methoxychlor (1C)	ND	*	7.0	1.9	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
Toxaphene (1C)	ND		35	15	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
p,p'-DDD (1C)	ND	*	1.8	0.35	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
p,p'-DDE (2C)	ND	*	1.8	0.35	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1
p,p'-DDT (1C)	ND	*	1.8	0.83	ug/Kg	☆	09/14/20 17:30	09/17/20 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	110		30 - 150	09/14/20 17:30	09/17/20 12:29	1
DCB Decachlorobiphenyl (Surr) (2C)	109		30 - 150	09/14/20 17:30	09/17/20 12:29	1
Tetrachloro-m-xylene (Surr) (1C)	102		30 - 150	09/14/20 17:30	09/17/20 12:29	1
Tetrachloro-m-xylene (Surr) (2C)	86		30 - 150	09/14/20 17:30	09/17/20 12:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		18	3.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1221 (2C)	ND		18	4.8	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1232 (2C)	ND		18	8.4	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1242 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1248 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1254 (2C)	ND		18	3.5	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1
PCB-1260 (2C)	ND		18	5.1	ug/Kg	☆	09/14/20 17:30	09/15/20 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	46	p	30 - 150	09/14/20 17:30	09/15/20 17:58	1
DCB Decachlorobiphenyl (Surr) (2C)	87		30 - 150	09/14/20 17:30	09/15/20 17:58	1
Tetrachloro-m-xylene (1C)	78		30 - 150	09/14/20 17:30	09/15/20 17:58	1
Tetrachloro-m-xylene (2C)	72		30 - 150	09/14/20 17:30	09/15/20 17:58	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	180		51	51	mg/Kg	☆	09/16/20 15:58	09/22/20 18:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	80		40 - 140	09/16/20 15:58	09/22/20 18:30	5
o-terphenyl (Surr)	72		40 - 140	09/16/20 15:58	09/22/20 18:30	5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.0	1.4	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Aluminum	29000		16	8.5	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		2.4	0.96	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Barium	180	B	0.40	0.12	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Beryllium	1.7		0.40	0.080	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Cadmium	ND		0.40	0.080	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Calcium	4000		16	9.6	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Chromium	39		1.2	0.14	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Cobalt	15		0.40	0.12	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Copper	45		1.6	0.62	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Iron	40000		80	25	mg/Kg	☆	09/09/20 04:48	09/16/20 16:57	5
Lead	21		1.2	0.48	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Magnesium	9200		8.0	3.2	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Manganese	620		0.80	0.42	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Nickel	30		0.80	0.21	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Potassium	5500		24	16	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Selenium	ND		4.0	1.2	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Silver	0.77	J	0.80	0.32	mg/Kg	☆	09/09/20 04:48	09/16/20 16:24	1
Sodium	700		80	37	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Thallium	ND		2.4	1.0	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Zinc	64		1.6	0.80	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1
Vanadium	68		0.80	0.34	mg/Kg	☆	09/09/20 04:48	09/14/20 12:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.025	mg/Kg	☆	09/17/20 06:38	09/17/20 18:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.51	0.18	mg/Kg	☆	09/16/20 14:39	09/16/20 21:59	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	6.1		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	93.9		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.4	1.0	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,1,2,2-Tetrachloroethane	ND		8.4	0.67	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,1,2-Trichloroethane	ND		8.4	0.84	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,1-Dichloroethane	ND		8.4	0.84	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,1-Dichloroethene	ND		8.4	0.84	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,2,3-Trichlorobenzene	ND		17	8.4	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,2,4-Trichlorobenzene	ND		17	8.4	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1
1,2-Dibromo-3-Chloropropane	ND		8.4	0.84	ug/Kg	☆	09/05/20 18:02	09/11/20 13:57	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
1,2-Dichlorobenzene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
1,2-Dichloroethane	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
1,2-Dichloropropane	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
1,3-Dichlorobenzene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
1,4-Dichlorobenzene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
2-Butanone	22		17	3.4	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
2-Hexanone	ND		17	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
4-Methyl-2-pentanone	ND		17	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Acetone	410 B		34	10	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Benzene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Bromochloromethane	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Bromodichloromethane	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Bromoform	ND		17	8.4	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Bromomethane	ND		8.4	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Carbon disulfide	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Carbon tetrachloride	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Chlorobenzene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Chloroethane	ND		8.4	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Chloroform	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Chloromethane	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
cis-1,2-Dichloroethene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
cis-1,3-Dichloropropene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Cyclohexane	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Dibromochloromethane	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Dichlorodifluoromethane	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Ethylbenzene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Freon 113	ND		17	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Isopropylbenzene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
m&p-Xylene	ND		8.4	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Methyl acetate	4.8 J		8.4	1.7	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Methyl tertiary butyl ether	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Methylcyclohexane	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Methylene Chloride	ND		8.4	3.4	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
o-Xylene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Styrene	ND		8.4	0.67	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Tetrachloroethene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Toluene	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
trans-1,2-Dichloroethene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
trans-1,3-Dichloropropene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Trichloroethene	ND		8.4	0.84	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Trichlorofluoromethane	ND		8.4	1.2	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Vinyl chloride	ND		8.4	1.0	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1
Xylenes, Total	ND		17	2.4	ug/Kg	✱	09/05/20 18:02	09/11/20 13:57	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	19	T J	ug/Kg	✱	4.21		09/05/20 18:02	09/11/20 13:57	1
Tridecane	21	T J N	ug/Kg	✱	14.70	629-50-5	09/05/20 18:02	09/11/20 13:57	1
Unknown	8.5	T J	ug/Kg	✱	14.78		09/05/20 18:02	09/11/20 13:57	1
Unknown	9.4	T J	ug/Kg	✱	15.34		09/05/20 18:02	09/11/20 13:57	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		70 - 130	09/05/20 18:02	09/11/20 13:57	1
4-Bromofluorobenzene (Surr)	82		70 - 130	09/05/20 18:02	09/11/20 13:57	1
Dibromofluoromethane (Surr)	113		70 - 130	09/05/20 18:02	09/11/20 13:57	1
Toluene-d8 (Surr)	102		70 - 130	09/05/20 18:02	09/11/20 13:57	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	F1	41	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
1,2,4,5-Tetrachlorobenzene	ND	F1	41	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
1,4-Dioxane	ND		370	110	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,2'-oxybis[1-chloropropane]	ND	F1 *	49	22	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,3,4,6-Tetrachlorophenol	ND	F1	190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4,5-Trichlorophenol	ND		75	34	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4,6-Trichlorophenol	ND		64	30	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4-Dichlorophenol	ND	F1	49	22	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4-Dimethylphenol	ND	F1 *	75	34	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4-Dinitrophenol	ND	F2	1100	370	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,4-Dinitrotoluene	ND	F1	190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2,6-Dinitrotoluene	ND	F1	56	26	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Chloronaphthalene	ND	F1	37	7.5	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Chlorophenol	ND	F1	41	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Methylnaphthalene	8.2	J F1	37	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Methylphenol	ND	F1	75	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Nitroaniline	ND		56	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
2-Nitrophenol	ND	F1	64	30	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
3,3'-Dichlorobenzidine	ND	F1 *	370	110	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
3-Nitroaniline	ND		190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4,6-Dinitro-2-methylphenol	ND	F2	560	260	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Bromophenyl-phenylether	ND	F1	56	26	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Chloro-3-methylphenol	ND		56	26	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Chlorophenyl-phenyl ether	ND	F1	49	22	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Chloroaniline	ND		190	37	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Methylphenol	ND	F1 *	56	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Nitroaniline	ND		190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
4-Nitrophenol	ND		560	190	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Acenaphthylene	68	F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Acenaphthene	11	J F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Acetophenone	ND	F1 *	56	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Anthracene	75	F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Atrazine	ND	F1	490	220	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzaldehyde	ND	F1 *	190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzo[a]anthracene	190	F1	19	7.5	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzo[a]pyrene	190	F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzo[b]fluoranthene	230	F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzo[g,h,i]perylene	170		19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Benzo[k]fluoranthene	72	F1	19	3.7	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Bis(2-chloroethoxy)methane	ND	F1	41	19	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Bis(2-chloroethyl)ether	ND	F1	56	26	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Bis(2-ethylhexyl) phthalate	ND		190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1
Butylbenzylphthalate	ND		190	75	ug/Kg	☆	09/15/20 09:45	09/15/20 18:20	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND	F1	190	37	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Carbazole	ND		41	19	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Chrysene	190	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Di-n-butyl phthalate	ND		190	75	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Di-n-octyl phthalate	ND		190	75	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Dibenz(a,h)anthracene	46		19	7.5	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Dibenzofuran	ND	F1	41	19	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Dimethyl phthalate	ND	F1	190	75	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Diethyl phthalate	ND	F1	190	75	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Fluoranthene	370	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Fluorene	21	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Hexachlorobenzene	ND	F1	19	7.5	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Hexachlorobutadiene	ND	F1	86	41	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Hexachlorocyclopentadiene	ND	F2 F1	560	220	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Hexachloroethane	ND	F1 *	190	37	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Indeno[1,2,3-cd]pyrene	140	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Isophorone	ND	F1 *	41	19	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
N-Nitrosodi-n-propylamine	ND	F1 *	56	26	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
N-Nitrosodiphenylamine	ND	F1	41	19	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Naphthalene	8.5	J F1	19	7.5	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Nitrobenzene	ND	F1 *	75	30	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Pentachlorophenol	ND		190	75	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Phenanthrene	240	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Phenol	ND		41	19	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1
Pyrene	340	F1	19	3.7	ug/Kg	☼	09/15/20 09:45	09/15/20 18:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	810	T J B	ug/Kg	☼	0.91		09/15/20 09:45	09/15/20 18:20	1
Unknown	520	T J B	ug/Kg	☼	2.71		09/15/20 09:45	09/15/20 18:20	1
Benzo[e]pyrene	230	T J N	ug/Kg	☼	12.64	192-97-2	09/15/20 09:45	09/15/20 18:20	1
Unknown	220	T J	ug/Kg	☼	13.00		09/15/20 09:45	09/15/20 18:20	1
Unknown	290	T J	ug/Kg	☼	13.05		09/15/20 09:45	09/15/20 18:20	1
Unknown	330	T J	ug/Kg	☼	13.19		09/15/20 09:45	09/15/20 18:20	1
Tricosane	280	T J N	ug/Kg	☼	13.30	638-67-5	09/15/20 09:45	09/15/20 18:20	1
Unknown	280	T J	ug/Kg	☼	13.37		09/15/20 09:45	09/15/20 18:20	1
Unknown	350	T J	ug/Kg	☼	13.50		09/15/20 09:45	09/15/20 18:20	1
Unknown	430	T J	ug/Kg	☼	13.77		09/15/20 09:45	09/15/20 18:20	1
Unknown	330	T J	ug/Kg	☼	13.89		09/15/20 09:45	09/15/20 18:20	1
Unknown	310	T J	ug/Kg	☼	13.96		09/15/20 09:45	09/15/20 18:20	1
17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-vinylhexadecahydrocy	270	T J N	ug/Kg	☼	14.03	1000210-86-9	09/15/20 09:45	09/15/20 18:20	1
Unknown	240	T J	ug/Kg	☼	14.09		09/15/20 09:45	09/15/20 18:20	1
Unknown	250	T J	ug/Kg	☼	14.20		09/15/20 09:45	09/15/20 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		30 - 130	09/15/20 09:45	09/15/20 18:20	1
2-Fluorophenol (Surr)	63		30 - 130	09/15/20 09:45	09/15/20 18:20	1
p-Terphenyl-d14 (Surr)	80		30 - 130	09/15/20 09:45	09/15/20 18:20	1
Phenol-d5 (Surr)	65		30 - 130	09/15/20 09:45	09/15/20 18:20	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	57		30 - 130	09/15/20 09:45	09/15/20 18:20	1
2-Fluorobiphenyl (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 18:20	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	*	4.6	0.95	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
alpha-BHC (1C)	ND	*	4.6	0.95	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
alpha-Chlordane (1C)	ND	*	4.6	0.95	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
beta-BHC (1C)	ND	*	5.6	2.5	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
delta-BHC (1C)	ND	*	5.6	2.5	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Dieldrin (1C)	ND	*	9.5	1.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endosulfan I (1C)	ND	*	4.6	1.2	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endosulfan II (1C)	ND	*	13	6.1	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endosulfan sulfate (1C)	ND	*	9.5	1.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endrin (1C)	ND	*	9.5	3.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endrin aldehyde (1C)	ND	*	9.5	1.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Endrin ketone (1C)	ND	*	11	3.3	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
gamma-BHC (Lindane) (1C)	ND	*	4.6	1.2	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
gamma-Chlordane (1C)	ND	*	4.6	1.4	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Heptachlor (1C)	ND		4.6	1.7	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Heptachlor epoxide (1C)	ND	*	4.6	0.95	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Methoxychlor (1C)	ND	*	37	10	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
Toxaphene (1C)	ND		180	78	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
p,p'-DDD (1C)	ND	*	9.5	1.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
p,p'-DDE (1C)	ND	*	9.5	1.8	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5
p,p'-DDT (1C)	ND	*	9.5	4.4	ug/Kg	☆	09/14/20 17:30	09/17/20 12:42	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	111		30 - 150	09/14/20 17:30	09/17/20 12:42	5
DCB Decachlorobiphenyl (Surr) (2C)	110		30 - 150	09/14/20 17:30	09/17/20 12:42	5
Tetrachloro-m-xylene (Surr) (1C)	103		30 - 150	09/14/20 17:30	09/17/20 12:42	5
Tetrachloro-m-xylene (Surr) (2C)	98		30 - 150	09/14/20 17:30	09/17/20 12:42	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	4.0	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1221 (2C)	ND		19	5.1	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1232 (2C)	ND		19	8.9	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1242 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1248 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1254 (2C)	ND		19	3.7	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1
PCB-1260 (2C)	ND		19	5.5	ug/Kg	☆	09/14/20 17:30	09/15/20 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	46	p	30 - 150	09/14/20 17:30	09/15/20 18:40	1
DCB Decachlorobiphenyl (Surr) (2C)	95		30 - 150	09/14/20 17:30	09/15/20 18:40	1
Tetrachloro-m-xylene (1C)	77		30 - 150	09/14/20 17:30	09/15/20 18:40	1
Tetrachloro-m-xylene (2C)	68		30 - 150	09/14/20 17:30	09/15/20 18:40	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	290		54	54	mg/Kg	☆	09/16/20 15:58	09/22/20 18:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	77		40 - 140				09/16/20 15:58	09/22/20 18:55	5
o-terphenyl (Surr)	70		40 - 140				09/16/20 15:58	09/22/20 18:55	5

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluoroheptanoic acid	ND		0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorooctanoic acid	ND		0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorononanoic acid	0.49	J I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorodecanoic acid	1.0	I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorotridecanoic acid	23	I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorotetradecanoic acid	0.30	J I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorobutanesulfonic acid	ND		2.2	0.45	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorohexanesulfonic acid	ND		0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorooctanesulfonic acid	ND		0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluoroundecanoic acid	34	I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Perfluorododecanoic acid	1.0	I	0.67	0.22	ng/g	☆	09/08/20 11:18	09/09/20 19:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	66		11 - 138				09/08/20 11:18	09/09/20 19:45	1
13C4 PFHpA	65		15 - 139				09/08/20 11:18	09/09/20 19:45	1
13C8 PFOA	69		21 - 133				09/08/20 11:18	09/09/20 19:45	1
13C9 PFNA	66		15 - 145				09/08/20 11:18	09/09/20 19:45	1
13C6 PFDA	73		21 - 134				09/08/20 11:18	09/09/20 19:45	1
13C7 PFUnA	79		15 - 138				09/08/20 11:18	09/09/20 19:45	1
13C2-PFDoDA	81		28 - 126				09/08/20 11:18	09/09/20 19:45	1
13C2 PFTeDA	81		10 - 138				09/08/20 11:18	09/09/20 19:45	1
13C3 PFBS	75		23 - 130				09/08/20 11:18	09/09/20 19:45	1
13C3 PFHxS	76		24 - 136				09/08/20 11:18	09/09/20 19:45	1
13C8 PFOS	73		31 - 130				09/08/20 11:18	09/09/20 19:45	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.9	1.3	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Aluminum	34000		16	8.3	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Arsenic	5.2		2.3	0.94	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Barium	280	B	0.39	0.12	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Beryllium	1.9		0.39	0.078	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Cadmium	0.21	J	0.39	0.078	mg/Kg	☆	09/09/20 04:48	09/16/20 16:27	1
Calcium	4800		16	9.4	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Chromium	45		1.2	0.14	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Cobalt	16		0.39	0.11	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Copper	58		1.6	0.60	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Iron	43000		78	24	mg/Kg	☆	09/09/20 04:48	09/16/20 17:00	5
Lead	17		1.2	0.47	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Magnesium	9800		7.8	3.1	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Manganese	850		0.78	0.41	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Nickel	35		0.78	0.20	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	7300		23	16	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Selenium	ND		3.9	1.2	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Silver	0.79		0.78	0.31	mg/Kg	☆	09/09/20 04:48	09/16/20 16:27	1
Sodium	2500		78	36	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Thallium	ND		2.3	1.0	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Zinc	80		1.6	0.78	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1
Vanadium	68		0.78	0.34	mg/Kg	☆	09/09/20 04:48	09/14/20 12:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.066	0.027	mg/Kg	☆	09/15/20 11:19	09/17/20 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.57	0.21	mg/Kg	☆	09/16/20 14:39	09/16/20 22:00	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	11.6		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	88.4		1.0	1.0	%			09/08/20 08:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	0.43	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,1,2,2-Tetrachloroethane	ND		3.6	0.29	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,1,2-Trichloroethane	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,1-Dichloroethane	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,1-Dichloroethene	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2,3-Trichlorobenzene	ND		7.2	3.6	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2,4-Trichlorobenzene	ND		7.2	3.6	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2-Dibromo-3-Chloropropane	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2-Dibromoethane	ND		3.6	0.29	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2-Dichlorobenzene	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2-Dichloroethane	ND		3.6	0.43	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,2-Dichloropropane	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,3-Dichlorobenzene	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
1,4-Dichlorobenzene	ND		3.6	0.29	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
2-Butanone	6.1	J	7.2	1.4	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
2-Hexanone	ND		7.2	0.72	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
4-Methyl-2-pentanone	ND		7.2	0.72	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
Acetone	91	B	14	4.3	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
Benzene	ND		3.6	0.36	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
Bromochloromethane	ND		3.6	0.43	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1
Bromodichloromethane	ND		3.6	0.29	ug/Kg	☆	09/05/20 18:02	09/11/20 14:20	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		7.2	3.6	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Bromomethane	ND		3.6	0.51	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Carbon disulfide	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Carbon tetrachloride	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Chlorobenzene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Chloroethane	ND		3.6	0.72	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Chloroform	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Chloromethane	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
cis-1,2-Dichloroethene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
cis-1,3-Dichloropropene	ND		3.6	0.29	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Cyclohexane	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Dibromochloromethane	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Dichlorodifluoromethane	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Ethylbenzene	ND		3.6	0.29	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Freon 113	ND		7.2	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Isopropylbenzene	ND		3.6	0.29	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
m&p-Xylene	ND		3.6	0.72	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Methyl acetate	ND		3.6	0.72	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Methyl tertiary butyl ether	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Methylcyclohexane	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Methylene Chloride	ND		3.6	1.4	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
o-Xylene	ND		3.6	0.29	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Styrene	ND		3.6	0.29	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Tetrachloroethene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Toluene	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
trans-1,2-Dichloroethene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
trans-1,3-Dichloropropene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Trichloroethene	ND		3.6	0.36	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Trichlorofluoromethane	ND		3.6	0.51	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Vinyl chloride	ND		3.6	0.43	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1
Xylenes, Total	ND		7.2	1.0	ug/Kg	☼	09/05/20 18:02	09/11/20 14:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3.9	T J	ug/Kg	☼	2.17		09/05/20 18:02	09/11/20 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130	09/05/20 18:02	09/11/20 14:20	1
4-Bromofluorobenzene (Surr)	88		70 - 130	09/05/20 18:02	09/11/20 14:20	1
Dibromofluoromethane (Surr)	112		70 - 130	09/05/20 18:02	09/11/20 14:20	1
Toluene-d8 (Surr)	99		70 - 130	09/05/20 18:02	09/11/20 14:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		45	20	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
1,2,4,5-Tetrachlorobenzene	ND		45	20	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
1,4-Dioxane	ND		410	120	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
2,2'-oxybis[1-chloropropane]	ND	*	53	25	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
2,3,4,6-Tetrachlorophenol	ND		200	82	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
2,4,5-Trichlorophenol	ND		82	37	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
2,4,6-Trichlorophenol	ND		70	33	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		53	25	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2,4-Dimethylphenol	ND	*	82	37	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2,4-Dinitrophenol	ND		1200	410	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2,4-Dinitrotoluene	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2,6-Dinitrotoluene	ND		61	29	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Chloronaphthalene	ND		41	8.2	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Chlorophenol	ND		45	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Methylnaphthalene	ND		41	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Methylphenol	ND		82	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Nitroaniline	ND		61	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
2-Nitrophenol	ND		70	33	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
3,3'-Dichlorobenzidine	ND	*	410	120	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
3-Nitroaniline	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4,6-Dinitro-2-methylphenol	ND		610	290	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Bromophenyl-phenylether	ND		61	29	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Chloro-3-methylphenol	ND		61	29	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Chlorophenyl-phenyl ether	ND		53	25	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Chloroaniline	ND		200	41	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Methylphenol	ND	*	61	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Nitroaniline	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
4-Nitrophenol	ND		610	200	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Acenaphthylene	6.4	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Acenaphthene	ND		20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Acetophenone	ND	*	61	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Anthracene	5.1	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Atrazine	ND		530	250	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzaldehyde	ND	*	200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzo[a]anthracene	11	J	20	8.2	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzo[a]pyrene	12	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzo[b]fluoranthene	16	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzo[g,h,i]perylene	ND		20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Benzo[k]fluoranthene	9.4	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Bis(2-chloroethoxy)methane	ND		45	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Bis(2-chloroethyl)ether	ND		61	29	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Bis(2-ethylhexyl) phthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Butylbenzylphthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Caprolactam	ND		200	41	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Carbazole	ND		45	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Chrysene	13	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Di-n-butyl phthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Di-n-octyl phthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Dibenz(a,h)anthracene	ND		20	8.2	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Dibenzofuran	ND		45	20	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Dimethyl phthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Diethyl phthalate	ND		200	82	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Fluoranthene	11	J	20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Fluorene	ND		20	4.1	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Hexachlorobenzene	ND		20	8.2	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1
Hexachlorobutadiene	ND		94	45	ug/Kg	✱	09/15/20 09:45	09/15/20 19:52	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		610	250	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Hexachloroethane	ND	*	200	41	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Indeno[1,2,3-cd]pyrene	ND		20	4.1	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Isophorone	ND	*	45	20	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
N-Nitrosodi-n-propylamine	ND	*	61	29	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
N-Nitrosodiphenylamine	ND		45	20	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Naphthalene	ND		20	8.2	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Nitrobenzene	ND	*	82	33	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Pentachlorophenol	ND		200	82	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Phenanthrene	7.1	J	20	4.1	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Phenol	ND		45	20	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1
Pyrene	15	J	20	4.1	ug/Kg	☼	09/15/20 09:45	09/15/20 19:52	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	930	T J B	ug/Kg	☼	0.91		09/15/20 09:45	09/15/20 19:52	1
Unknown	190	T J B	ug/Kg	☼	0.99		09/15/20 09:45	09/15/20 19:52	1
Unknown	1000	T J B	ug/Kg	☼	2.73		09/15/20 09:45	09/15/20 19:52	1
n-Hexadecanoic acid	160	T J N	ug/Kg	☼	9.57	57-10-3	09/15/20 09:45	09/15/20 19:52	1
Unknown	180	T J	ug/Kg	☼	10.40		09/15/20 09:45	09/15/20 19:52	1
Diisooctyl adipate	190	T J N	ug/Kg	☼	11.12	1330-86-5	09/15/20 09:45	09/15/20 19:52	1
Docosane, 9-octyl-	190	T J N	ug/Kg	☼	13.00	55319-83-0	09/15/20 09:45	09/15/20 19:52	1
28-Nor-17.alpha.(H)-hopane	180	T J N	ug/Kg	☼	13.25	53584-60-4	09/15/20 09:45	09/15/20 19:52	1
[1,2'-Binaphthalene]-5,5',8,8'-tetrone,	180	T J N	ug/Kg	☼	13.51	20175-84-2	09/15/20 09:45	09/15/20 19:52	1
1',4-dihydroxy-2									
Unknown	170	T J	ug/Kg	☼	14.21		09/15/20 09:45	09/15/20 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		30 - 130	09/15/20 09:45	09/15/20 19:52	1
2-Fluorophenol (Surr)	70		30 - 130	09/15/20 09:45	09/15/20 19:52	1
p-Terphenyl-d14 (Surr)	83		30 - 130	09/15/20 09:45	09/15/20 19:52	1
Phenol-d5 (Surr)	71		30 - 130	09/15/20 09:45	09/15/20 19:52	1
Nitrobenzene-d5 (Surr)	61		30 - 130	09/15/20 09:45	09/15/20 19:52	1
2-Fluorobiphenyl (Surr)	82		30 - 130	09/15/20 09:45	09/15/20 19:52	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
alpha-BHC (2C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
alpha-Chlordane (1C)	ND	*	1.0	0.21	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
beta-BHC (1C)	ND	*	1.2	0.54	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
delta-BHC (1C)	ND	*	1.2	0.55	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Dieldrin (2C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endosulfan I (1C)	ND	*	1.0	0.27	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endosulfan II (2C)	ND	*	2.8	1.3	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endosulfan sulfate (1C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endrin (2C)	ND	*	2.1	0.83	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endrin aldehyde (1C)	ND	*	2.1	0.40	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
Endrin ketone (1C)	ND	*	2.5	0.74	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
gamma-BHC (Lindane) (1C)	ND	*	1.0	0.26	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1
gamma-Chlordane (1C)	ND	*	1.0	0.31	ug/Kg	☼	09/14/20 17:30	09/18/20 06:43	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor (2C)	ND	*	1.0	0.38	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
Heptachlor epoxide (2C)	1.4	*	1.0	0.21	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
Methoxychlor (1C)	ND	*	8.2	2.2	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
Toxaphene (1C)	ND		40	17	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
p,p'-DDD (2C)	ND	*	2.1	0.40	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
p,p'-DDE (2C)	ND	*	2.1	0.40	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1
p,p'-DDT (1C)	ND	*	2.1	0.97	ug/Kg	☆	09/14/20 17:30	09/18/20 06:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	110		30 - 150	09/14/20 17:30	09/18/20 06:43	1
DCB Decachlorobiphenyl (Surr) (2C)	112		30 - 150	09/14/20 17:30	09/18/20 06:43	1
Tetrachloro-m-xylene (Surr) (1C)	78		30 - 150	09/14/20 17:30	09/18/20 06:43	1
Tetrachloro-m-xylene (Surr) (2C)	73		30 - 150	09/14/20 17:30	09/18/20 06:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		21	4.4	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1221 (2C)	ND		21	5.6	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1232 (2C)	ND		21	9.8	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1242 (2C)	ND		21	4.0	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1248 (2C)	ND		21	4.0	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1254 (2C)	ND		21	4.0	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1
PCB-1260 (2C)	ND		21	6.0	ug/Kg	☆	09/14/20 17:30	09/15/20 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	51	p	30 - 150	09/14/20 17:30	09/15/20 18:50	1
DCB Decachlorobiphenyl (Surr) (2C)	101		30 - 150	09/14/20 17:30	09/15/20 18:50	1
Tetrachloro-m-xylene (1C)	85		30 - 150	09/14/20 17:30	09/15/20 18:50	1
Tetrachloro-m-xylene (2C)	81		30 - 150	09/14/20 17:30	09/15/20 18:50	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	210		60	60	mg/Kg	☆	09/16/20 15:58	09/17/20 23:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	79		40 - 140	09/16/20 15:58	09/17/20 23:17	5
o-terphenyl (Surr)	73		40 - 140	09/16/20 15:58	09/17/20 23:17	5

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluoroheptanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorooctanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorononanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorodecanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorotridecanoic acid	0.36	J I	0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorotetradecanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorobutanesulfonic acid	ND		2.5	0.49	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorohexanesulfonic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluorooctanesulfonic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Perfluoroundecanoic acid	1.2	I	0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid	ND		0.74	0.25	ng/g	☆	09/08/20 11:18	09/09/20 19:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	76		11 - 138				09/08/20 11:18	09/09/20 19:55	1
13C4 PFHpA	77		15 - 139				09/08/20 11:18	09/09/20 19:55	1
13C8 PFOA	75		21 - 133				09/08/20 11:18	09/09/20 19:55	1
13C9 PFNA	71		15 - 145				09/08/20 11:18	09/09/20 19:55	1
13C6 PFDA	79		21 - 134				09/08/20 11:18	09/09/20 19:55	1
13C7 PFUnA	83		15 - 138				09/08/20 11:18	09/09/20 19:55	1
13C2-PFDoDA	86		28 - 126				09/08/20 11:18	09/09/20 19:55	1
13C2 PFTeDA	85		10 - 138				09/08/20 11:18	09/09/20 19:55	1
13C3 PFBS	79		23 - 130				09/08/20 11:18	09/09/20 19:55	1
13C3 PFHxS	80		24 - 136				09/08/20 11:18	09/09/20 19:55	1
13C8 PFOS	76		31 - 130				09/08/20 11:18	09/09/20 19:55	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.5	1.5	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Aluminum	26000		18	9.6	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Arsenic	8.1		2.7	1.1	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Barium	170	B	0.45	0.14	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Beryllium	1.8		0.45	0.091	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Cadmium	0.13	J	0.45	0.091	mg/Kg	☆	09/09/20 04:48	09/16/20 16:31	1
Calcium	3800		18	11	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Chromium	46		1.4	0.16	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Cobalt	15		0.45	0.13	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Copper	37		1.8	0.70	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Iron	46000		91	28	mg/Kg	☆	09/09/20 04:48	09/16/20 17:03	5
Lead	16		1.4	0.54	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Magnesium	11000		9.1	3.6	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Manganese	510		0.91	0.47	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Nickel	34		0.91	0.24	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Potassium	6600		27	19	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Selenium	ND		4.5	1.4	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Silver	0.88	J	0.91	0.36	mg/Kg	☆	09/09/20 04:48	09/16/20 16:31	1
Sodium	590		91	42	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Thallium	1.4	J	2.7	1.2	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Zinc	76		1.8	0.91	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1
Vanadium	83		0.91	0.39	mg/Kg	☆	09/09/20 04:48	09/14/20 12:19	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.072	0.030	mg/Kg	☆	09/15/20 11:19	09/17/20 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.63	0.23	mg/Kg	☆	09/16/20 14:39	09/16/20 22:02	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	19.0		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	81.0		1.0	1.0	%			09/08/20 08:24	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3B

Date Collected: 09/04/20 12:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-10

Matrix: Solid

Percent Solids: 81.0

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-6A

Date Collected: 09/04/20 13:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-11

Matrix: Solid

Percent Solids: 84.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,1,2,2-Tetrachloroethane	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,1,2-Trichloroethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,1-Dichloroethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,1-Dichloroethene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2,3-Trichlorobenzene	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2,4-Trichlorobenzene	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2-Dibromo-3-Chloropropane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2-Dibromoethane (EDB)	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2-Dichlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2-Dichloroethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,2-Dichloropropane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,3-Dichlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,4-Dichlorobenzene	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
1,4-Dioxane	ND		200	30	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
2-Butanone	6.4	J	8.1	1.6	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
2-Hexanone	ND		8.1	0.81	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
4-Methyl-2-pentanone	ND		8.1	0.81	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Acetone	140		16	4.9	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Benzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Bromochloromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Bromodichloromethane	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Bromoform	ND		8.1	4.1	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Bromomethane	ND		4.1	0.57	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Carbon disulfide	1.6	J	4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Carbon tetrachloride	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Chlorobenzene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Chloroethane	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Chloroform	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Chloromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
cis-1,2-Dichloroethene	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
cis-1,3-Dichloropropene	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Cyclohexane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Dibromochloromethane	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Dichlorodifluoromethane	ND		4.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Ethylbenzene	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Freon 113	ND		8.1	0.49	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Isopropylbenzene	ND		4.1	0.33	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
m&p-Xylene	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Methyl acetate	ND		4.1	0.81	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1
Methyl tertiary butyl ether	ND		4.1	0.41	ug/Kg	✱	09/05/20 18:04	09/14/20 02:00	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6A

Lab Sample ID: 410-13195-11

Date Collected: 09/04/20 13:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 84.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		4.1	0.49	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Methylene Chloride	ND		4.1	1.6	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
o-Xylene	ND		4.1	0.33	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Styrene	ND		4.1	0.33	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Tetrachloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Toluene	ND		4.1	0.49	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
trans-1,2-Dichloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
trans-1,3-Dichloropropene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Trichloroethene	ND		4.1	0.41	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Trichlorofluoromethane	ND		4.1	0.57	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Vinyl chloride	ND		4.1	0.49	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1
Xylenes, Total	ND		8.1	1.1	ug/Kg	☼	09/05/20 18:04	09/14/20 02:00	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	12	T J	ug/Kg	☼	3.93		09/05/20 18:04	09/14/20 02:00	1
Unknown	6.7	T J	ug/Kg	☼	11.98		09/05/20 18:04	09/14/20 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130	09/05/20 18:04	09/14/20 02:00	1
4-Bromofluorobenzene (Surr)	91		70 - 130	09/05/20 18:04	09/14/20 02:00	1
Dibromofluoromethane (Surr)	97		70 - 130	09/05/20 18:04	09/14/20 02:00	1
Toluene-d8 (Surr)	98		70 - 130	09/05/20 18:04	09/14/20 02:00	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		39	3.9	ug/Kg	☼	09/15/20 09:45	09/15/20 20:15	1
Naphthalene	ND		19	7.7	ug/Kg	☼	09/15/20 09:45	09/15/20 20:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	57		30 - 130	09/15/20 09:45	09/15/20 20:15	1
p-Terphenyl-d14 (Surr)	69		30 - 130	09/15/20 09:45	09/15/20 20:15	1
Nitrobenzene-d5 (Surr)	49		30 - 130	09/15/20 09:45	09/15/20 20:15	1
2-Fluorophenol (Surr)	56		30 - 130	09/15/20 09:45	09/15/20 20:15	1
2-Fluorobiphenyl (Surr)	65		30 - 130	09/15/20 09:45	09/15/20 20:15	1
2,4,6-Tribromophenol (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 20:15	1

Method: 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		12	5.9	mg/Kg	☼		09/15/20 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetramethylene glycol (Surr)	0.2	X	10 - 143		09/15/20 17:02	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1
Perfluoroheptanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1
Perfluorooctanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1
Perfluorononanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1
Perfluorodecanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1
Perfluorotridecanoic acid	ND		0.65	0.22	ng/g	☼	09/08/20 11:18	09/09/20 20:05	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6A

Lab Sample ID: 410-13195-11

Date Collected: 09/04/20 13:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 84.7

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid	ND		0.65	0.22	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1
Perfluorobutanesulfonic acid	ND		2.2	0.43	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1
Perfluorohexanesulfonic acid	ND		0.65	0.22	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1
Perfluorooctanesulfonic acid	ND		0.65	0.22	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1
Perfluoroundecanoic acid	ND		0.65	0.22	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1
Perfluorododecanoic acid	ND		0.65	0.22	ng/g	✱	09/08/20 11:18	09/09/20 20:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	73		11 - 138	09/08/20 11:18	09/09/20 20:05	1
13C4 PFHpA	71		15 - 139	09/08/20 11:18	09/09/20 20:05	1
13C8 PFOA	78		21 - 133	09/08/20 11:18	09/09/20 20:05	1
13C9 PFNA	66		15 - 145	09/08/20 11:18	09/09/20 20:05	1
13C6 PFDA	76		21 - 134	09/08/20 11:18	09/09/20 20:05	1
13C7 PFUnA	81		15 - 138	09/08/20 11:18	09/09/20 20:05	1
13C2-PFDoDA	82		28 - 126	09/08/20 11:18	09/09/20 20:05	1
13C2 PFTeDA	81		10 - 138	09/08/20 11:18	09/09/20 20:05	1
13C3 PFBS	74		23 - 130	09/08/20 11:18	09/09/20 20:05	1
13C3 PFHxS	79		24 - 136	09/08/20 11:18	09/09/20 20:05	1
13C8 PFOS	77		31 - 130	09/08/20 11:18	09/09/20 20:05	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.2	1.4	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Aluminum	17000		17	8.8	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Arsenic	3.3		2.5	1.0	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Barium	54	B	0.42	0.12	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Beryllium	0.48		0.42	0.083	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Cadmium	ND		0.42	0.083	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Calcium	580		17	10	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Chromium	22		1.2	0.15	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Cobalt	3.0		0.42	0.12	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Copper	8.5		1.7	0.64	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Iron	15000		17	5.2	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Lead	9.7		1.2	0.50	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Magnesium	2100		8.3	3.3	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Manganese	130		0.83	0.43	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Nickel	8.6		0.83	0.22	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Potassium	1000		25	17	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Selenium	ND		4.2	1.2	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Silver	ND	^	0.83	0.33	mg/Kg	✱	09/08/20 17:25	09/16/20 15:58	1
Sodium	160		83	38	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Thallium	ND		2.5	1.1	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Zinc	27		1.7	0.83	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1
Vanadium	35		0.83	0.36	mg/Kg	✱	09/08/20 17:25	09/14/20 11:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.067	0.028	mg/Kg	✱	09/15/20 11:19	09/17/20 16:26	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6A

Date Collected: 09/04/20 13:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-11

Matrix: Solid

Percent Solids: 84.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.3		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	84.7		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: S-6B

Date Collected: 09/04/20 13:50

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-12

Matrix: Solid

Percent Solids: 81.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,1,2-Trichloroethane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,1-Dichloroethane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,1-Dichloroethene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2,3-Trichlorobenzene	ND		9.4	4.7	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2,4-Trichlorobenzene	ND		9.4	4.7	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2-Dibromo-3-Chloropropane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2-Dibromoethane (EDB)	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2-Dichlorobenzene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2-Dichloroethane	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,2-Dichloropropane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,3-Dichlorobenzene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,4-Dichlorobenzene	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
1,4-Dioxane	ND		230	35	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
2-Butanone	5.7	J	9.4	1.9	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
2-Hexanone	ND		9.4	0.94	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
4-Methyl-2-pentanone	ND		9.4	0.94	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Acetone	120		19	5.6	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Benzene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Bromochloromethane	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Bromodichloromethane	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Bromoform	ND		9.4	4.7	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Bromomethane	ND		4.7	0.65	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Carbon disulfide	1.6	J	4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Carbon tetrachloride	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Chlorobenzene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Chloroethane	ND		4.7	0.94	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Chloroform	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Chloromethane	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
cis-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
cis-1,3-Dichloropropene	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Cyclohexane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Dibromochloromethane	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Dichlorodifluoromethane	ND		4.7	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Ethylbenzene	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Freon 113	ND		9.4	0.56	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Isopropylbenzene	ND		4.7	0.37	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
m&p-Xylene	ND		4.7	0.94	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Methyl acetate	ND		4.7	0.94	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1
Methyl tertiary butyl ether	ND		4.7	0.47	ug/Kg	✱	09/05/20 18:04	09/14/20 02:22	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Methylene Chloride	ND		4.7	1.9	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
o-Xylene	ND		4.7	0.37	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Styrene	ND		4.7	0.37	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Tetrachloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Toluene	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
trans-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
trans-1,3-Dichloropropene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Trichloroethene	ND		4.7	0.47	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Trichlorofluoromethane	ND		4.7	0.65	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Vinyl chloride	ND		4.7	0.56	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1
Xylenes, Total	ND		9.4	1.3	ug/Kg	☼	09/05/20 18:04	09/14/20 02:22	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.2	T J	ug/Kg	☼	3.94		09/05/20 18:04	09/14/20 02:22	1
Tridecane	8.9	T J N	ug/Kg	☼	14.53	629-50-5	09/05/20 18:04	09/14/20 02:22	1
Tetradecane	8.6	T J N	ug/Kg	☼	15.15	629-59-4	09/05/20 18:04	09/14/20 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130	09/05/20 18:04	09/14/20 02:22	1
4-Bromofluorobenzene (Surr)	92		70 - 130	09/05/20 18:04	09/14/20 02:22	1
Dibromofluoromethane (Surr)	95		70 - 130	09/05/20 18:04	09/14/20 02:22	1
Toluene-d8 (Surr)	97		70 - 130	09/05/20 18:04	09/14/20 02:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		40	4.0	ug/Kg	☼	09/15/20 09:45	09/15/20 20:38	1
Naphthalene	ND		20	8.1	ug/Kg	☼	09/15/20 09:45	09/15/20 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	68		30 - 130	09/15/20 09:45	09/15/20 20:38	1
p-Terphenyl-d14 (Surr)	82		30 - 130	09/15/20 09:45	09/15/20 20:38	1
Nitrobenzene-d5 (Surr)	60		30 - 130	09/15/20 09:45	09/15/20 20:38	1
2-Fluorophenol (Surr)	69		30 - 130	09/15/20 09:45	09/15/20 20:38	1
2-Fluorobiphenyl (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 20:38	1
2,4,6-Tribromophenol (Surr)	87		30 - 130	09/15/20 09:45	09/15/20 20:38	1

Method: 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		12	6.2	mg/Kg	☼		09/15/20 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetramethylene glycol (Surr)	0.2	X	10 - 143		09/15/20 17:27	1

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.68	0.23	ng/g	☼	09/08/20 11:18	09/09/20 20:15	1
Perfluoroheptanoic acid	ND		0.68	0.23	ng/g	☼	09/08/20 11:18	09/09/20 20:15	1
Perfluorooctanoic acid	ND		0.68	0.23	ng/g	☼	09/08/20 11:18	09/09/20 20:15	1
Perfluorononanoic acid	ND		0.68	0.23	ng/g	☼	09/08/20 11:18	09/09/20 20:15	1
Perfluorodecanoic acid	ND		0.68	0.23	ng/g	☼	09/08/20 11:18	09/09/20 20:15	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluorotetradecanoic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluorobutanesulfonic acid	ND		2.3	0.46	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluorohexanesulfonic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluorooctanesulfonic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluoroundecanoic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1
Perfluorododecanoic acid	ND		0.68	0.23	ng/g	✱	09/08/20 11:18	09/09/20 20:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	64		11 - 138	09/08/20 11:18	09/09/20 20:15	1
13C4 PFHpA	62		15 - 139	09/08/20 11:18	09/09/20 20:15	1
13C8 PFOA	67		21 - 133	09/08/20 11:18	09/09/20 20:15	1
13C9 PFNA	60		15 - 145	09/08/20 11:18	09/09/20 20:15	1
13C6 PFDA	66		21 - 134	09/08/20 11:18	09/09/20 20:15	1
13C7 PFUnA	74		15 - 138	09/08/20 11:18	09/09/20 20:15	1
13C2-PFDoDA	79		28 - 126	09/08/20 11:18	09/09/20 20:15	1
13C2 PFTeDA	77		10 - 138	09/08/20 11:18	09/09/20 20:15	1
13C3 PFBS	64		23 - 130	09/08/20 11:18	09/09/20 20:15	1
13C3 PFHxS	72		24 - 136	09/08/20 11:18	09/09/20 20:15	1
13C8 PFOS	72		31 - 130	09/08/20 11:18	09/09/20 20:15	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.7	1.6	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Aluminum	25000		19	10	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Arsenic	3.3		2.8	1.1	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Barium	100	B	0.47	0.14	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Beryllium	0.97		0.47	0.094	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Cadmium	ND		0.47	0.094	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Calcium	1100		19	11	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Chromium	32		1.4	0.17	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Cobalt	6.2		0.47	0.14	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Copper	17		1.9	0.72	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Iron	21000		19	5.8	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Lead	12		1.4	0.56	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Magnesium	3700		9.4	3.8	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Manganese	220		0.94	0.49	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Nickel	17		0.94	0.24	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Potassium	2500		28	19	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Selenium	ND		4.7	1.4	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Silver	ND	^	0.94	0.38	mg/Kg	✱	09/09/20 04:48	09/16/20 16:08	1
Sodium	300		94	43	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Thallium	ND		2.8	1.2	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Zinc	41		1.9	0.94	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1
Vanadium	33		0.94	0.40	mg/Kg	✱	09/09/20 04:48	09/14/20 11:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.069	0.029	mg/Kg	✱	09/15/20 11:19	09/17/20 16:28	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18.9		1.0	1.0	%			09/08/20 08:24	1
Percent Solids	81.1		1.0	1.0	%			09/08/20 08:24	1

Client Sample ID: FB-3

Lab Sample ID: 410-13195-13

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorodecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorododecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluoroheptanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorohexanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorohexanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorononanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorooctanesulfonic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorooctanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorotetradecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluorotridecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Perfluoroundecanoic acid	ND		1.9	0.48	ng/L		09/08/20 17:07	09/10/20 22:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	82		45 - 135				09/08/20 17:07	09/10/20 22:16	1
13C2-PFDoDA	94		20 - 148				09/08/20 17:07	09/10/20 22:16	1
13C4 PFHpA	85		34 - 143				09/08/20 17:07	09/10/20 22:16	1
13C3 PFHxS	86		38 - 144				09/08/20 17:07	09/10/20 22:16	1
13C5 PFHxA	86		30 - 143				09/08/20 17:07	09/10/20 22:16	1
13C9 PFNA	79		36 - 151				09/08/20 17:07	09/10/20 22:16	1
13C8 PFOA	84		37 - 141				09/08/20 17:07	09/10/20 22:16	1
13C2 PFTeDA	82		10 - 158				09/08/20 17:07	09/10/20 22:16	1
13C7 PFUnA	81		33 - 148				09/08/20 17:07	09/10/20 22:16	1
13C3 PFBS	79		11 - 191				09/08/20 17:07	09/10/20 22:16	1
13C8 PFOS	85		42 - 136				09/08/20 17:07	09/10/20 22:16	1

Client Sample ID: RB-3

Lab Sample ID: 410-13195-14

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: RB-3

Lab Sample ID: 410-13195-14

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 22:25	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	90		45 - 135				09/08/20 17:07	09/10/20 22:25	1
13C2-PFDoDA	98		20 - 148				09/08/20 17:07	09/10/20 22:25	1
13C4 PFHpA	82		34 - 143				09/08/20 17:07	09/10/20 22:25	1
13C3 PFHxS	89		38 - 144				09/08/20 17:07	09/10/20 22:25	1
13C5 PFHxA	81		30 - 143				09/08/20 17:07	09/10/20 22:25	1
13C9 PFNA	79		36 - 151				09/08/20 17:07	09/10/20 22:25	1
13C8 PFOA	89		37 - 141				09/08/20 17:07	09/10/20 22:25	1
13C2 PFTeDA	93		10 - 158				09/08/20 17:07	09/10/20 22:25	1
13C7 PFUnA	94		33 - 148				09/08/20 17:07	09/10/20 22:25	1
13C3 PFBS	83		11 - 191				09/08/20 17:07	09/10/20 22:25	1
13C8 PFOS	84		42 - 136				09/08/20 17:07	09/10/20 22:25	1

Client Sample ID: TB-3

Lab Sample ID: 410-13195-15

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/18/20 00:37	1
Styrene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/18/20 00:37	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/18/20 00:37	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/18/20 00:37	1
Toluene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Cyclohexane	ND		5.0	1.0	ug/L			09/18/20 00:37	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/18/20 00:37	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/18/20 00:37	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/18/20 00:37	1
2-Hexanone	ND		10	0.30	ug/L			09/18/20 00:37	1
Acetone	0.94	J B	20	0.70	ug/L			09/18/20 00:37	1
Chloroform	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Benzene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/18/20 00:37	1
Bromomethane	ND		1.0	0.30	ug/L			09/18/20 00:37	1
Chloromethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/18/20 00:37	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: TB-3

Lab Sample ID: 410-13195-15

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/18/20 00:37	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/18/20 00:37	1
Bromoform	ND		4.0	1.0	ug/L			09/18/20 00:37	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Freon 113	ND		10	0.20	ug/L			09/18/20 00:37	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
2-Butanone	ND		10	0.30	ug/L			09/18/20 00:37	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Trichloroethene	ND		1.0	0.20	ug/L			09/18/20 00:37	1
Methyl acetate	ND		5.0	0.30	ug/L			09/18/20 00:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/18/20 00:37	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/18/20 00:37	1
o-Xylene	ND		1.0	0.40	ug/L			09/18/20 00:37	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/18/20 00:37	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/18/20 00:37	1
m&p-Xylene	ND		5.0	1.0	ug/L			09/18/20 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		09/18/20 00:37	1
4-Bromofluorobenzene (Surr)	92		70 - 130		09/18/20 00:37	1
Dibromofluoromethane (Surr)	101		70 - 130		09/18/20 00:37	1
Toluene-d8 (Surr)	99		70 - 130		09/18/20 00:37	1

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13195-1	GW-3A	112	90	107	101
410-13195-2	GW-3B	112	84	108	103
410-13195-3	GW-4A	113	90	107	100
410-13195-4	GW-4B	116	87	110	100
410-13195-5	S-1A	117 *3	77 *3	117 *3	98 *3
410-13195-6	S-1B	117	86	111	97
410-13195-7	S-2A	115	87	113	100
410-13195-8	S-2B	113	86	112	100
410-13195-9	S-3A	118	82	113	102
410-13195-10	S-3B	114	88	112	99
410-13195-11	S-6A	97	91	97	98
410-13195-12	S-6B	99	92	95	97
LCS 410-42829/4	Lab Control Sample	104	99	99	105
LCS 410-43332/4	Lab Control Sample	100	92	105	90
LCSD 410-42829/5	Lab Control Sample Dup	103	98	98	106
LCSD 410-43332/5	Lab Control Sample Dup	113	96	110	92
MB 410-42829/7	Method Blank	110	92	104	102
MB 410-43332/7	Method Blank	99	98	102	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13195-15	TB-3	101	92	101	99
LCS 410-45156/4	Lab Control Sample	101	94	101	99
LCSD 410-45156/5	Lab Control Sample Dup	103	95	99	96
MB 410-45156/7	Method Blank	105	91	103	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-130)	2FP (30-130)	TPHd14 (30-130)	PHL (30-130)	NBZ (30-130)	FBP (30-130)
410-13195-1	GW-3A	30	32	72	40	59	63
410-13195-2	GW-3B	52	56	53	55	52	64
410-13195-3	GW-4A	63	64	70	67	60	66

Eurolins Lancaster Laboratories Env, LLC

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-130)	2FP (30-130)	TPHd14 (30-130)	PHL (30-130)	NBZ (30-130)	FBP (30-130)
410-13195-4	GW-4B	63	66	74	65	63	68
410-13195-5	S-1A	58	70	72	73	65	71
410-13195-6	S-1B	61	64	71	68	63	68
410-13195-7	S-2A	64	65	78	68	64	72
410-13195-8	S-2B	77	67	74	69	56	75
410-13195-9	S-3A	82	63	80	65	57	77
410-13195-9 MS	S-3A	76	63	71	64	56	71
410-13195-9 MSD	S-3A	68	55	65	57	50	63
410-13195-10	S-3B	89	70	83	71	61	82
410-13195-11	S-6A	77	56	69	57	49	65
410-13195-12	S-6B	87	69	82	68	60	77
LCS 410-43624/2-A	Lab Control Sample	74	79	80	78	71	75
LCS 410-43825/2-A	Lab Control Sample	96	73	82	73	63	82
LCS 410-44300/2-A	Lab Control Sample	88	72	83	74	60	77
MB 410-43624/1-A	Method Blank	72	75	88	74	72	74
MB 410-43825/1-A	Method Blank	101	77	96	77	67	87
MB 410-44300/1-A	Method Blank	79	63	77	62	54	69

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TFT-F1 (50-142)					
410-13195-3	GW-4A	99					
410-13195-4	GW-4B	108					
LCS 410-42185/5	Lab Control Sample	94					
LCSD 410-42185/6	Lab Control Sample Dup	96					
MB 410-42185/4	Method Blank	96					

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015D - Glycols- Direct Injection (GC/FID)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		14BD (10-143)					
410-13195-11	S-6A	0.2 X					
410-13195-12	S-6B	0.2 X					
LCS 410-43945/2-A	Lab Control Sample	93					
MB 410-43945/1-A	Method Blank	58					

Eurolins Lancaster Laboratories Env, LLC

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Surrogate Legend

14BD = Tetramethylene glycol (Surr)

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTP (42-143)
410-13195-3	GW-4A	92
410-13195-4	GW-4B	57
LCS 410-42838/2-A	Lab Control Sample	111
MB 410-42838/1-A	Method Blank	103

Surrogate Legend

OTP = o- terphenyl (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-13195-5	S-1A	116	124	95	97
410-13195-5 MS	S-1A	107	106	87	85
410-13195-5 MS	S-1A	115	116	97	90
410-13195-5 MSD	S-1A	107	117	90	88
410-13195-5 MSD	S-1A	114	111	98	86
410-13195-6	S-1B	108	111	68	67
410-13195-6	S-1B	118	112	91	77
410-13195-7	S-2A	158 X	163 X	129	119
410-13195-8	S-2B	110	109	102	86
410-13195-9	S-3A	111	110	103	98
410-13195-10	S-3B	110	112	78	73
LCS 410-43626/2-A	Lab Control Sample	169 X	168 X	106	101
LCS 410-43626/2-A	Lab Control Sample	177 X	169 X	109	106
MB 410-43626/1-A	Method Blank	172 X	184 X	102	100

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-13195-1	GW-3A	45 p	99	88	79
410-13195-2	GW-3B	15 X p	35	38	35
410-13195-3	GW-4A	48 p	101	83	79
410-13195-4	GW-4B	51 p	104	87	84
410-13195-5	S-1A	48 p	91	80	76
410-13195-6	S-1B	55 p	103	82	77
410-13195-7	S-2A	44 p	86	74	69
410-13195-8	S-2B	46 p	87	78	72
410-13195-9	S-3A	46 p	95	77	68
410-13195-10	S-3B	51 p	101	85	81

Eurofins Lancaster Laboratories Env, LLC

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
LCS 410-43625/2-A	Lab Control Sample	132	124	105	92
MB 410-43625/1-A	Method Blank	104	101	80	70
Surrogate Legend					
DCB = DCB Decachlorobiphenyl (Surr)					
TCX = Tetrachloro-m-xylene					

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1COD (40-140)	OTP (40-140)
410-13195-1	GW-3A	90	81
410-13195-2	GW-3B	80	73
410-13195-5	S-1A	95	85
410-13195-5 MS	S-1A	88	85
410-13195-5 MSD	S-1A	86	83
410-13195-6	S-1B	77	71
410-13195-7	S-2A	69	63
410-13195-8	S-2B	80	72
410-13195-9	S-3A	77	70
410-13195-10	S-3B	79	73
LCS 410-42636/2-A	Lab Control Sample	72	81
LCS 410-44577/2-A	Lab Control Sample	76	85
LCSD 410-42636/3-A	Lab Control Sample Dup	69	81
LCSD 410-44577/3-A	Lab Control Sample Dup	78	86
MB 410-42636/1-A	Method Blank	91	85
MB 410-44577/1-A	Method Blank	93	84
Surrogate Legend			
1COD = 1-Chlorooctadecane (Surr)			
OTP = o- terphenyl (Surr)			

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2BN1 (40-140)	FBP1 (40-140)	OTP1 (40-140)
410-13195-1	GW-3A	76	78	67
410-13195-2	GW-3B	69	71	58
LCS 410-42631/2-C	Lab Control Sample	70	72	60
LCSD 410-42631/3-C	Lab Control Sample Dup	75	78	66
MB 410-42631/1-C	Method Blank	77	79	68
Surrogate Legend				
2BN = 2-Bromonaphthalene (Surr)				
FBP = 2-Fluorobiphenyl (Surr)				
OTP = o- terphenyl (Surr)				

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	1COD1 (40-140)
410-13195-1	GW-3A	44
410-13195-2	GW-3B	42
LCS 410-42631/2-B	Lab Control Sample	65
LCSD 410-42631/3-B	Lab Control Sample Dup	72
MB 410-42631/1-B	Method Blank	46
Surrogate Legend		
1COD = 1-Chlorooctadecane (Surr)		

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 537 IDA - EPA 537 Isotope Dilution

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C5PHA (11-138)	C4PFHA (15-139)	C8PFOA (21-133)	C9PFNA (15-145)	C6PFDA (21-134)	13C7PUA (15-138)	PFDODA (28-126)	PFTDA (10-138)
410-13195-1	GW-3A	79	71	81	79	80	85	83	84
410-13195-2	GW-3B	75	70	74	79	77	80	82	87
410-13195-3	GW-4A	63	63	67	69	72	72	74	71
410-13195-4	GW-4B	78	74	80	81	82	89	80	81
410-13195-5	S-1A	76	73	78	80	84	84	82	81
410-13195-6	S-1B	79	77	81	71	77	82	80	77
410-13195-9	S-3A	66	65	69	66	73	79	81	81
410-13195-10	S-3B	76	77	75	71	79	83	86	85
410-13195-11	S-6A	73	71	78	66	76	81	82	81
410-13195-12	S-6B	64	62	67	60	66	74	79	77
LCS 410-41568/2-B	Lab Control Sample	85	84	88	86	88	88	85	90
LCS 410-41650/2-B	Lab Control Sample	81	82	85	76	87	94	94	88
LCSD 410-41568/3-B	Lab Control Sample Dup	98	92	99	95	100	99	99	98
LCSD 410-41650/3-B	Lab Control Sample Dup	79	77	83	73	85	79	79	80
MB 410-41568/1-B	Method Blank	91	87	94	96	97	97	97	96
MB 410-41650/1-B	Method Blank	83	81	87	81	83	89	91	87

		Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	C3PFBS (23-130)	C3PFHS (24-136)	C8PFOS (31-130)
410-13195-1	GW-3A	82	78	82
410-13195-2	GW-3B	77	77	81
410-13195-3	GW-4A	67	68	72
410-13195-4	GW-4B	87	82	88
410-13195-5	S-1A	79	77	80
410-13195-6	S-1B	76	86	81
410-13195-9	S-3A	75	76	73
410-13195-10	S-3B	79	80	76
410-13195-11	S-6A	74	79	77
410-13195-12	S-6B	64	72	72
LCS 410-41568/2-B	Lab Control Sample	86	85	90
LCS 410-41650/2-B	Lab Control Sample	87	82	81
LCSD 410-41568/3-B	Lab Control Sample Dup	100	96	100
LCSD 410-41650/3-B	Lab Control Sample Dup	77	80	80
MB 410-41568/1-B	Method Blank	94	86	91
MB 410-41650/1-B	Method Blank	82	84	84

Surrogate Legend

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDODA = 13C2-PFDODA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
410-13195-13	FB-3	82	94	85	86	86	79	84	82
410-13195-14	RB-3	90	98	82	89	81	79	89	93
LCS 410-41754/2-A	Lab Control Sample	87	96	88	86	85	79	92	88
LCSD 410-41754/3-A	Lab Control Sample Dup	92	99	97	95	97	91	97	91
MB 410-41754/1-A	Method Blank	78	91	83	85	82	76	84	78

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)
410-13195-13	FB-3	81	79	85
410-13195-14	RB-3	94	83	84
LCS 410-41754/2-A	Lab Control Sample	86	81	87
LCSD 410-41754/3-A	Lab Control Sample Dup	92	92	91
MB 410-41754/1-A	Method Blank	82	77	83

Surrogate Legend

C6PFDA = 13C6 PFDA
PFDODA = 13C2-PFDODA
C4PFHA = 13C4 PFHpA
C3PFHS = 13C3 PFHxS
13C5PHA = 13C5 PFHxA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
PFTDA = 13C2 PFTeDA
13C7PUA = 13C7 PFUnA
C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-42829/7

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/11/20 09:23	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/11/20 09:23	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
2-Hexanone	ND		10	1.0	ug/Kg			09/11/20 09:23	1
Acetone	10.2	J	20	6.0	ug/Kg			09/11/20 09:23	1
Benzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/11/20 09:23	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
Chloroform	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Bromoform	ND		10	5.0	ug/Kg			09/11/20 09:23	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Freon 113	ND		10	0.60	ug/Kg			09/11/20 09:23	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
2-Butanone	ND		10	2.0	ug/Kg			09/11/20 09:23	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/11/20 09:23	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Styrene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/11/20 09:23	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Toluene	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/11/20 09:23	1
Trichloroethene	ND		5.0	0.50	ug/Kg			09/11/20 09:23	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-42829/7

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/11/20 09:23	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/11/20 09:23	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/11/20 09:23	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/11/20 09:23	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/11/20 09:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		09/11/20 09:23	1
4-Bromofluorobenzene (Surr)	92		70 - 130		09/11/20 09:23	1
Dibromofluoromethane (Surr)	104		70 - 130		09/11/20 09:23	1
Toluene-d8 (Surr)	102		70 - 130		09/11/20 09:23	1

Lab Sample ID: LCS 410-42829/4

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	20.0	19.0		ug/Kg		95	70 - 130
1,2-Dichloroethane	20.0	20.6		ug/Kg		103	70 - 130
1,2,4-Trichlorobenzene	20.0	15.9		ug/Kg		80	70 - 130
1,4-Dichlorobenzene	20.0	20.3		ug/Kg		101	70 - 130
4-Methyl-2-pentanone	100	92.6		ug/Kg		93	60 - 140
1,3-Dichlorobenzene	20.0	19.8		ug/Kg		99	70 - 130
2-Hexanone	100	98.6		ug/Kg		99	60 - 140
Acetone	150	190		ug/Kg		127	60 - 140
Benzene	20.0	20.2		ug/Kg		101	70 - 130
1,1,1-Trichloroethane	20.0	18.8		ug/Kg		94	70 - 130
Bromomethane	20.0	22.9		ug/Kg		115	60 - 140
Carbon tetrachloride	20.0	19.3		ug/Kg		96	70 - 130
Chlorobenzene	20.0	20.6		ug/Kg		103	70 - 130
Bromochloromethane	20.0	19.5		ug/Kg		97	70 - 130
Chloroethane	20.0	24.4		ug/Kg		122	60 - 140
Chloroform	20.0	20.5		ug/Kg		102	70 - 130
Chloromethane	20.0	23.2		ug/Kg		116	60 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/Kg		96	70 - 130
Carbon disulfide	20.0	22.9		ug/Kg		114	60 - 140
cis-1,3-Dichloropropene	20.0	17.5		ug/Kg		87	70 - 130
Bromoform	20.0	18.2		ug/Kg		91	70 - 130
Cyclohexane	20.0	18.1		ug/Kg		90	70 - 130
Bromodichloromethane	20.0	19.7		ug/Kg		99	70 - 130
Dibromochloromethane	20.0	20.2		ug/Kg		101	70 - 130
1,1-Dichloroethane	20.0	20.4		ug/Kg		102	70 - 130
1,1-Dichloroethene	20.0	20.1		ug/Kg		101	70 - 130
Ethylbenzene	20.0	19.4		ug/Kg		97	70 - 130
Dichlorodifluoromethane	20.0	16.5		ug/Kg		82	60 - 140
Freon 113	20.0	18.3		ug/Kg		91	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-42829/4

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	20.0	21.6		ug/Kg		108	70 - 130
2-Butanone	150	114		ug/Kg		76	60 - 140
Methyl tertiary butyl ether	20.0	16.7		ug/Kg		84	70 - 130
1,1,2-Trichloroethane	20.0	21.3		ug/Kg		106	70 - 130
Methylcyclohexane	20.0	16.3		ug/Kg		82	70 - 130
Methylene Chloride	20.0	20.7		ug/Kg		103	70 - 130
Methyl acetate	20.0	17.9		ug/Kg		89	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/Kg		100	70 - 130
Styrene	20.0	20.2		ug/Kg		101	70 - 130
1,2,3-Trichlorobenzene	20.0	17.3		ug/Kg		87	70 - 130
Tetrachloroethene	20.0	19.1		ug/Kg		96	70 - 130
o-Xylene	20.0	19.5		ug/Kg		98	70 - 130
Toluene	20.0	20.3		ug/Kg		102	70 - 130
1,2-Dichlorobenzene	20.0	20.2		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	20.0	19.8		ug/Kg		99	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/Kg		86	60 - 140
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	70 - 130
Isopropylbenzene	20.0	19.0		ug/Kg		95	70 - 130
Trichloroethene	20.0	19.2		ug/Kg		96	70 - 130
m&p-Xylene	40.0	41.8		ug/Kg		105	70 - 130
Trichlorofluoromethane	20.0	23.9		ug/Kg		119	60 - 140
Vinyl chloride	20.0	22.7		ug/Kg		113	70 - 130
Xylenes, Total	60.0	61.3		ug/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 410-42829/5

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	20.0	19.0		ug/Kg		95	70 - 130	0	30
1,2-Dichloroethane	20.0	19.9		ug/Kg		99	70 - 130	4	30
1,2,4-Trichlorobenzene	20.0	16.1		ug/Kg		81	70 - 130	1	30
1,4-Dichlorobenzene	20.0	19.9		ug/Kg		100	70 - 130	2	30
4-Methyl-2-pentanone	100	92.9		ug/Kg		93	60 - 140	0	30
1,3-Dichlorobenzene	20.0	19.7		ug/Kg		98	70 - 130	1	30
2-Hexanone	100	99.1		ug/Kg		99	60 - 140	1	30
Acetone	150	197		ug/Kg		132	60 - 140	4	30
Benzene	20.0	20.0		ug/Kg		100	70 - 130	1	30
1,1,1-Trichloroethane	20.0	18.2		ug/Kg		91	70 - 130	3	30
Bromomethane	20.0	21.9		ug/Kg		110	60 - 140	4	30
Carbon tetrachloride	20.0	18.5		ug/Kg		93	70 - 130	4	30
Chlorobenzene	20.0	20.2		ug/Kg		101	70 - 130	2	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-42829/5

Matrix: Solid

Analysis Batch: 42829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromochloromethane	20.0	19.0		ug/Kg		95	70 - 130	2	30
Chloroethane	20.0	23.2		ug/Kg		116	60 - 140	5	30
Chloroform	20.0	20.0		ug/Kg		100	70 - 130	2	30
Chloromethane	20.0	22.2		ug/Kg		111	60 - 140	5	30
cis-1,2-Dichloroethene	20.0	18.9		ug/Kg		94	70 - 130	2	30
Carbon disulfide	20.0	22.3		ug/Kg		111	60 - 140	3	30
cis-1,3-Dichloropropene	20.0	17.2		ug/Kg		86	70 - 130	2	30
Bromoform	20.0	17.9		ug/Kg		89	70 - 130	1	30
Cyclohexane	20.0	17.8		ug/Kg		89	70 - 130	1	30
Bromodichloromethane	20.0	19.6		ug/Kg		98	70 - 130	0	30
Dibromochloromethane	20.0	19.6		ug/Kg		98	70 - 130	3	30
1,1-Dichloroethane	20.0	20.4		ug/Kg		102	70 - 130	0	30
1,1-Dichloroethene	20.0	19.4		ug/Kg		97	70 - 130	4	30
Ethylbenzene	20.0	19.1		ug/Kg		95	70 - 130	2	30
Dichlorodifluoromethane	20.0	15.7		ug/Kg		79	60 - 140	5	30
Freon 113	20.0	17.7		ug/Kg		88	70 - 130	3	30
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 130	1	30
2-Butanone	150	112		ug/Kg		75	60 - 140	2	30
Methyl tertiary butyl ether	20.0	16.5		ug/Kg		82	70 - 130	2	30
1,1,2-Trichloroethane	20.0	21.0		ug/Kg		105	70 - 130	1	30
Methylcyclohexane	20.0	16.2		ug/Kg		81	70 - 130	1	30
Methylene Chloride	20.0	20.1		ug/Kg		101	70 - 130	3	30
Methyl acetate	20.0	17.9		ug/Kg		89	70 - 130	0	30
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/Kg		101	70 - 130	2	30
Styrene	20.0	19.9		ug/Kg		99	70 - 130	2	30
1,2,3-Trichlorobenzene	20.0	17.1		ug/Kg		86	70 - 130	1	30
Tetrachloroethene	20.0	18.3		ug/Kg		92	70 - 130	4	30
o-Xylene	20.0	19.2		ug/Kg		96	70 - 130	2	30
Toluene	20.0	20.0		ug/Kg		100	70 - 130	2	30
1,2-Dichlorobenzene	20.0	19.6		ug/Kg		98	70 - 130	3	30
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/Kg		86	60 - 140	1	30
trans-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	70 - 130	1	30
Isopropylbenzene	20.0	18.7		ug/Kg		93	70 - 130	1	30
Trichloroethene	20.0	19.0		ug/Kg		95	70 - 130	1	30
m&p-Xylene	40.0	40.6		ug/Kg		101	70 - 130	3	30
Trichlorofluoromethane	20.0	22.8		ug/Kg		114	60 - 140	5	30
Vinyl chloride	20.0	21.6		ug/Kg		108	70 - 130	5	30
Xylenes, Total	60.0	59.8		ug/Kg		100	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	106		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43332/7

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/14/20 00:12	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
1,4-Dioxane	ND		250	37	ug/Kg			09/14/20 00:12	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/14/20 00:12	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
2-Hexanone	ND		10	1.0	ug/Kg			09/14/20 00:12	1
Acetone	ND		20	6.0	ug/Kg			09/14/20 00:12	1
Benzene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/14/20 00:12	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/14/20 00:12	1
Chloroform	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
Bromoform	ND		10	5.0	ug/Kg			09/14/20 00:12	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Freon 113	ND		10	0.60	ug/Kg			09/14/20 00:12	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
2-Butanone	ND		10	2.0	ug/Kg			09/14/20 00:12	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/14/20 00:12	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/14/20 00:12	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
Styrene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/14/20 00:12	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1
Toluene	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/14/20 00:12	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43332/7

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 00:12	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/14/20 00:12	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/14/20 00:12	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/14/20 00:12	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/14/20 00:12	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/14/20 00:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		09/14/20 00:12	1
4-Bromofluorobenzene (Surr)	98		70 - 130		09/14/20 00:12	1
Dibromofluoromethane (Surr)	102		70 - 130		09/14/20 00:12	1
Toluene-d8 (Surr)	95		70 - 130		09/14/20 00:12	1

Lab Sample ID: LCS 410-43332/4

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	20.0	18.9		ug/Kg		95	70 - 130
1,2-Dichloroethane	20.0	19.7		ug/Kg		99	70 - 130
1,2,4-Trichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130
1,4-Dichlorobenzene	20.0	19.8		ug/Kg		99	70 - 130
1,4-Dioxane	500	356		ug/Kg		71	60 - 140
4-Methyl-2-pentanone	100	92.9		ug/Kg		93	60 - 140
1,3-Dichlorobenzene	20.0	19.9		ug/Kg		100	70 - 130
2-Hexanone	100	96.0		ug/Kg		96	60 - 140
Acetone	150	141		ug/Kg		94	60 - 140
Benzene	20.0	19.4		ug/Kg		97	70 - 130
1,1,1-Trichloroethane	20.0	21.7		ug/Kg		108	70 - 130
Bromomethane	20.0	19.7		ug/Kg		99	60 - 140
Carbon tetrachloride	20.0	21.9		ug/Kg		109	70 - 130
Chlorobenzene	20.0	19.4		ug/Kg		97	70 - 130
Bromochloromethane	20.0	19.2		ug/Kg		96	70 - 130
Chloroethane	20.0	19.1		ug/Kg		95	60 - 140
Chloroform	20.0	21.4		ug/Kg		107	70 - 130
Chloromethane	20.0	20.2		ug/Kg		101	60 - 140
cis-1,2-Dichloroethene	20.0	22.1		ug/Kg		110	70 - 130
Carbon disulfide	20.0	18.9		ug/Kg		95	60 - 140
cis-1,3-Dichloropropene	20.0	19.7		ug/Kg		98	70 - 130
Bromoform	20.0	16.1		ug/Kg		81	70 - 130
Cyclohexane	20.0	18.0		ug/Kg		90	70 - 130
Bromodichloromethane	20.0	20.7		ug/Kg		103	70 - 130
Dibromochloromethane	20.0	19.3		ug/Kg		97	70 - 130
1,1-Dichloroethane	20.0	19.1		ug/Kg		95	70 - 130
1,1-Dichloroethene	20.0	20.8		ug/Kg		104	70 - 130
Ethylbenzene	20.0	19.7		ug/Kg		98	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-43332/4

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	20.0	15.9		ug/Kg		80	60 - 140
Freon 113	20.0	15.8		ug/Kg		79	70 - 130
1,2-Dichloropropane	20.0	19.8		ug/Kg		99	70 - 130
2-Butanone	150	149		ug/Kg		100	60 - 140
Methyl tertiary butyl ether	20.0	18.7		ug/Kg		93	70 - 130
1,1,2-Trichloroethane	20.0	18.1		ug/Kg		90	70 - 130
Methylcyclohexane	20.0	15.0		ug/Kg		75	70 - 130
Methylene Chloride	20.0	20.0		ug/Kg		100	70 - 130
Methyl acetate	20.0	16.6		ug/Kg		83	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/Kg		91	70 - 130
Styrene	20.0	19.6		ug/Kg		98	70 - 130
1,2,3-Trichlorobenzene	20.0	18.5		ug/Kg		93	70 - 130
Tetrachloroethene	20.0	20.7		ug/Kg		103	70 - 130
o-Xylene	20.0	20.0		ug/Kg		100	70 - 130
Toluene	20.0	17.7		ug/Kg		88	70 - 130
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		102	70 - 130
trans-1,2-Dichloroethene	20.0	21.0		ug/Kg		105	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/Kg		94	60 - 140
trans-1,3-Dichloropropene	20.0	15.6		ug/Kg		78	70 - 130
Isopropylbenzene	20.0	19.9		ug/Kg		99	70 - 130
Trichloroethene	20.0	20.7		ug/Kg		104	70 - 130
m&p-Xylene	40.0	40.2		ug/Kg		100	70 - 130
Trichlorofluoromethane	20.0	19.0		ug/Kg		95	60 - 140
Vinyl chloride	20.0	21.0		ug/Kg		105	70 - 130
Xylenes, Total	60.0	60.2		ug/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130
Toluene-d8 (Surr)	90		70 - 130

Lab Sample ID: LCSD 410-43332/5

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	20.0	21.5		ug/Kg		108	70 - 130	13	30
1,2-Dichloroethane	20.0	23.3		ug/Kg		117	70 - 130	17	30
1,2,4-Trichlorobenzene	20.0	22.5		ug/Kg		112	70 - 130	8	30
1,4-Dichlorobenzene	20.0	20.9		ug/Kg		104	70 - 130	5	30
1,4-Dioxane	500	402		ug/Kg		80	60 - 140	12	30
4-Methyl-2-pentanone	100	126		ug/Kg		126	60 - 140	30	30
1,3-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130	6	30
2-Hexanone	100	129		ug/Kg		129	60 - 140	29	30
Acetone	150	143		ug/Kg		96	60 - 140	2	30
Benzene	20.0	21.7		ug/Kg		109	70 - 130	11	30
1,1,1-Trichloroethane	20.0	23.3		ug/Kg		116	70 - 130	7	30

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-43332/5

Matrix: Solid

Analysis Batch: 43332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	20.0	21.7		ug/Kg		109	60 - 140	10	30
Carbon tetrachloride	20.0	23.2		ug/Kg		116	70 - 130	6	30
Chlorobenzene	20.0	20.9		ug/Kg		105	70 - 130	7	30
Bromochloromethane	20.0	21.6		ug/Kg		108	70 - 130	12	30
Chloroethane	20.0	20.4		ug/Kg		102	60 - 140	6	30
Chloroform	20.0	23.3		ug/Kg		117	70 - 130	8	30
Chloromethane	20.0	21.5		ug/Kg		107	60 - 140	6	30
cis-1,2-Dichloroethene	20.0	24.1		ug/Kg		120	70 - 130	9	30
Carbon disulfide	20.0	20.9		ug/Kg		105	60 - 140	10	30
cis-1,3-Dichloropropene	20.0	20.2		ug/Kg		101	70 - 130	2	30
Bromoform	20.0	18.2		ug/Kg		91	70 - 130	12	30
Cyclohexane	20.0	18.7		ug/Kg		93	70 - 130	4	30
Bromodichloromethane	20.0	21.6		ug/Kg		108	70 - 130	4	30
Dibromochloromethane	20.0	21.3		ug/Kg		107	70 - 130	10	30
1,1-Dichloroethane	20.0	22.5		ug/Kg		112	70 - 130	16	30
1,1-Dichloroethene	20.0	23.1		ug/Kg		116	70 - 130	10	30
Ethylbenzene	20.0	20.8		ug/Kg		104	70 - 130	6	30
Dichlorodifluoromethane	20.0	15.9		ug/Kg		80	60 - 140	0	30
Freon 113	20.0	17.4		ug/Kg		87	70 - 130	10	30
1,2-Dichloropropane	20.0	22.8		ug/Kg		114	70 - 130	14	30
2-Butanone	150	154		ug/Kg		103	60 - 140	3	30
Methyl tertiary butyl ether	20.0	22.9		ug/Kg		115	70 - 130	21	30
1,1,2-Trichloroethane	20.0	21.9		ug/Kg		110	70 - 130	19	30
Methylcyclohexane	20.0	16.6		ug/Kg		83	70 - 130	10	30
Methylene Chloride	20.0	22.8		ug/Kg		114	70 - 130	13	30
Methyl acetate	20.0	22.0		ug/Kg		110	70 - 130	28	30
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/Kg		113	70 - 130	22	30
Styrene	20.0	19.8		ug/Kg		99	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	21.7		ug/Kg		108	70 - 130	16	30
Tetrachloroethene	20.0	21.9		ug/Kg		110	70 - 130	6	30
o-Xylene	20.0	20.4		ug/Kg		102	70 - 130	2	30
Toluene	20.0	18.3		ug/Kg		92	70 - 130	3	30
1,2-Dichlorobenzene	20.0	22.5		ug/Kg		112	70 - 130	9	30
trans-1,2-Dichloroethene	20.0	23.0		ug/Kg		115	70 - 130	9	30
1,2-Dibromo-3-Chloropropane	20.0	24.4		ug/Kg		122	60 - 140	25	30
trans-1,3-Dichloropropene	20.0	18.6		ug/Kg		93	70 - 130	18	30
Isopropylbenzene	20.0	20.9		ug/Kg		105	70 - 130	5	30
Trichloroethene	20.0	23.3		ug/Kg		117	70 - 130	12	30
m&p-Xylene	40.0	41.8		ug/Kg		105	70 - 130	4	30
Trichlorofluoromethane	20.0	20.4		ug/Kg		102	60 - 140	7	30
Vinyl chloride	20.0	22.6		ug/Kg		113	70 - 130	8	30
Xylenes, Total	60.0	62.2		ug/Kg		104	70 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130
Toluene-d8 (Surr)	92		70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-45156/7

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/17/20 23:51	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/17/20 23:51	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
2-Hexanone	ND		10	0.30	ug/L			09/17/20 23:51	1
Acetone	6.29	J	20	0.70	ug/L			09/17/20 23:51	1
Benzene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
Bromomethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/17/20 23:51	1
Chloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chloroform	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/17/20 23:51	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Bromoform	ND		4.0	1.0	ug/L			09/17/20 23:51	1
Cyclohexane	ND		5.0	1.0	ug/L			09/17/20 23:51	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Ethylbenzene	ND		1.0	0.40	ug/L			09/17/20 23:51	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Freon 113	ND		10	0.20	ug/L			09/17/20 23:51	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
2-Butanone	ND		10	0.30	ug/L			09/17/20 23:51	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/17/20 23:51	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/17/20 23:51	1
Methyl acetate	ND		5.0	0.30	ug/L			09/17/20 23:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Styrene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/17/20 23:51	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
o-Xylene	ND		1.0	0.40	ug/L			09/17/20 23:51	1
Toluene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/17/20 23:51	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
Trichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-45156/7

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	1.0	ug/L			09/17/20 23:51	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/17/20 23:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		09/17/20 23:51	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/17/20 23:51	1
Dibromofluoromethane (Surr)	103		70 - 130		09/17/20 23:51	1
Toluene-d8 (Surr)	98		70 - 130		09/17/20 23:51	1

Lab Sample ID: LCS 410-45156/4

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	20.0	19.9		ug/L		99	70 - 130
1,2-Dichloroethane	20.0	19.0		ug/L		95	70 - 130
1,2,4-Trichlorobenzene	20.0	21.3		ug/L		107	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
4-Methyl-2-pentanone	100	91.8		ug/L		92	60 - 140
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	70 - 130
2-Hexanone	100	92.4		ug/L		92	60 - 140
Acetone	150	139		ug/L		92	60 - 140
Benzene	20.0	19.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	20.0	20.1		ug/L		100	70 - 130
Bromomethane	20.0	20.6		ug/L		103	60 - 140
Carbon tetrachloride	20.0	19.7		ug/L		99	70 - 130
Chlorobenzene	20.0	20.9		ug/L		105	70 - 130
Bromochloromethane	20.0	21.2		ug/L		106	70 - 130
Chloroethane	20.0	20.3		ug/L		102	60 - 140
Chloroform	20.0	19.7		ug/L		99	70 - 130
Chloromethane	20.0	19.1		ug/L		95	60 - 140
cis-1,2-Dichloroethene	20.0	22.1		ug/L		110	70 - 130
Carbon disulfide	20.0	19.5		ug/L		98	60 - 140
cis-1,3-Dichloropropene	20.0	19.5		ug/L		97	70 - 130
Bromoform	20.0	19.8		ug/L		99	70 - 130
Cyclohexane	20.0	19.2		ug/L		96	70 - 130
Bromodichloromethane	20.0	19.8		ug/L		99	70 - 130
Dibromochloromethane	20.0	20.8		ug/L		104	70 - 130
1,1-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	20.6		ug/L		103	70 - 130
Ethylbenzene	20.0	19.7		ug/L		98	70 - 130
Dichlorodifluoromethane	20.0	20.1		ug/L		101	60 - 140
Freon 113	20.0	19.8		ug/L		99	70 - 130
1,2-Dichloropropane	20.0	20.5		ug/L		102	70 - 130
2-Butanone	150	134		ug/L		89	60 - 140
Methyl tertiary butyl ether	20.0	20.1		ug/L		100	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-45156/4

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130
Methylcyclohexane	20.0	19.6		ug/L		98	70 - 130
Methylene Chloride	20.0	20.5		ug/L		102	70 - 130
Methyl acetate	20.0	18.4		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	70 - 130
Styrene	20.0	19.7		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	20.0	21.2		ug/L		106	70 - 130
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 130
o-Xylene	20.0	20.5		ug/L		102	70 - 130
Toluene	20.0	19.7		ug/L		98	70 - 130
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	16.4		ug/L		82	60 - 140
trans-1,3-Dichloropropene	20.0	18.5		ug/L		92	70 - 130
Isopropylbenzene	20.0	20.1		ug/L		100	70 - 130
Trichloroethene	20.0	20.6		ug/L		103	70 - 130
m&p-Xylene	40.0	40.6		ug/L		102	70 - 130
Trichlorofluoromethane	20.0	19.4		ug/L		97	60 - 140
Vinyl chloride	20.0	20.9		ug/L		104	70 - 130
Xylenes, Total	60.0	61.1		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene (Surr)	94		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 410-45156/5

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	20.0	18.4		ug/L		92	70 - 130	7	20
1,2-Dichloroethane	20.0	17.5		ug/L		88	70 - 130	8	20
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	70 - 130	9	20
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	4	20
4-Methyl-2-pentanone	100	87.5		ug/L		88	60 - 140	5	20
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130	7	20
2-Hexanone	100	85.7		ug/L		86	60 - 140	7	20
Acetone	150	131		ug/L		87	60 - 140	6	20
Benzene	20.0	18.8		ug/L		94	70 - 130	6	20
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	70 - 130	3	20
Bromomethane	20.0	20.1		ug/L		100	60 - 140	3	20
Carbon tetrachloride	20.0	18.3		ug/L		91	70 - 130	8	20
Chlorobenzene	20.0	19.5		ug/L		97	70 - 130	7	20
Bromochloromethane	20.0	20.5		ug/L		102	70 - 130	3	20
Chloroethane	20.0	18.9		ug/L		94	60 - 140	7	20
Chloroform	20.0	18.5		ug/L		92	70 - 130	7	20

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-45156/5

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	20.0	18.0		ug/L		90	60 - 140	6	20
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	70 - 130	7	20
Carbon disulfide	20.0	18.5		ug/L		92	60 - 140	6	20
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	70 - 130	7	20
Bromoform	20.0	18.8		ug/L		94	70 - 130	5	20
Cyclohexane	20.0	18.1		ug/L		91	70 - 130	6	20
Bromodichloromethane	20.0	18.5		ug/L		92	70 - 130	7	20
Dibromochloromethane	20.0	18.8		ug/L		94	70 - 130	10	20
1,1-Dichloroethane	20.0	18.8		ug/L		94	70 - 130	7	20
1,1-Dichloroethene	20.0	19.7		ug/L		99	70 - 130	4	20
Ethylbenzene	20.0	18.2		ug/L		91	70 - 130	7	20
Dichlorodifluoromethane	20.0	19.1		ug/L		96	60 - 140	5	20
Freon 113	20.0	18.0		ug/L		90	70 - 130	10	20
1,2-Dichloropropane	20.0	18.8		ug/L		94	70 - 130	8	20
2-Butanone	150	127		ug/L		84	60 - 140	6	20
Methyl tertiary butyl ether	20.0	18.4		ug/L		92	70 - 130	9	20
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	4	20
Methylcyclohexane	20.0	17.9		ug/L		90	70 - 130	9	20
Methylene Chloride	20.0	19.3		ug/L		97	70 - 130	6	20
Methyl acetate	20.0	17.5		ug/L		87	70 - 130	5	20
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/L		86	70 - 130	7	20
Styrene	20.0	18.9		ug/L		94	70 - 130	4	20
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130	9	20
Tetrachloroethene	20.0	19.1		ug/L		95	70 - 130	9	20
o-Xylene	20.0	19.2		ug/L		96	70 - 130	6	20
Toluene	20.0	18.3		ug/L		92	70 - 130	7	20
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	6	20
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	70 - 130	9	20
1,2-Dibromo-3-Chloropropane	20.0	15.3		ug/L		77	60 - 140	7	20
trans-1,3-Dichloropropene	20.0	17.1		ug/L		86	70 - 130	8	20
Isopropylbenzene	20.0	18.5		ug/L		92	70 - 130	8	20
Trichloroethene	20.0	19.2		ug/L		96	70 - 130	7	20
m&p-Xylene	40.0	36.9		ug/L		92	70 - 130	10	20
Trichlorofluoromethane	20.0	18.1		ug/L		91	60 - 140	7	20
Vinyl chloride	20.0	19.3		ug/L		96	70 - 130	8	20
Xylenes, Total	60.0	56.1		ug/L		94	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	96		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-43624/1-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
1,4-Dioxane	ND		330	100	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Chlorophenol	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Methylphenol	ND		67	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Nitroaniline	ND		50	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
2-Nitrophenol	ND		57	27	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
3-Nitroaniline	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Chloroaniline	ND		170	33	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Methylphenol	ND		50	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Nitroaniline	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
4-Nitrophenol	ND		500	170	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Acenaphthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Acetophenone	ND		50	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Anthracene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Atrazine	ND		430	200	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzaldehyde	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Caprolactam	ND		170	33	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Carbazole	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Chrysene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43624/1-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Dibenzofuran	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Diethyl phthalate	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Fluoranthene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Fluorene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Hexachloroethane	ND		170	33	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Isophorone	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Naphthalene	ND		17	6.7	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Nitrobenzene	ND		67	27	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Pentachlorophenol	ND		170	67	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Phenanthrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Phenol	ND		37	17	ug/Kg		09/14/20 18:00	09/15/20 14:08	1
Pyrene	ND		17	3.3	ug/Kg		09/14/20 18:00	09/15/20 14:08	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	203	T J	ug/Kg		3.82		09/14/20 18:00	09/15/20 14:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		30 - 130	09/14/20 18:00	09/15/20 14:08	1
2-Fluorophenol (Surr)	75		30 - 130	09/14/20 18:00	09/15/20 14:08	1
p-Terphenyl-d14 (Surr)	88		30 - 130	09/14/20 18:00	09/15/20 14:08	1
Phenol-d5 (Surr)	74		30 - 130	09/14/20 18:00	09/15/20 14:08	1
Nitrobenzene-d5 (Surr)	72		30 - 130	09/14/20 18:00	09/15/20 14:08	1
2-Fluorobiphenyl (Surr)	74		30 - 130	09/14/20 18:00	09/15/20 14:08	1

Lab Sample ID: LCS 410-43624/2-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1360		ug/Kg		81	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1370		ug/Kg		82	70 - 130
1,4-Dioxane	1670	678		ug/Kg		41	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1150	*	ug/Kg		69	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1490		ug/Kg		89	70 - 130
2,4,5-Trichlorophenol	1670	1440		ug/Kg		86	20 - 160
2,4,6-Trichlorophenol	1670	1500		ug/Kg		90	20 - 160
2,4-Dichlorophenol	1670	1520		ug/Kg		91	70 - 130
2,4-Dimethylphenol	1670	1130	*	ug/Kg		68	70 - 130
2,4-Dinitrophenol	3340	2560		ug/Kg		76	20 - 160
2,4-Dinitrotoluene	1680	1450		ug/Kg		86	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43624/2-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	1680	1390		ug/Kg		83	70 - 130
2-Chloronaphthalene	1670	1510		ug/Kg		91	70 - 130
2-Chlorophenol	1670	1340		ug/Kg		80	70 - 130
2-Methylnaphthalene	1670	1380		ug/Kg		83	70 - 130
2-Methylphenol	1670	1390		ug/Kg		83	70 - 130
2-Nitroaniline	1670	1510		ug/Kg		90	20 - 160
2-Nitrophenol	1670	1390		ug/Kg		83	70 - 130
3,3'-Dichlorobenzidine	1670	1200		ug/Kg		72	70 - 130
3-Nitroaniline	1670	1410		ug/Kg		84	20 - 160
4,6-Dinitro-2-methylphenol	1670	1620		ug/Kg		97	20 - 160
4-Bromophenyl-phenylether	1680	1510		ug/Kg		90	70 - 130
4-Chloro-3-methylphenol	1670	1360		ug/Kg		81	20 - 160
4-Chlorophenyl-phenyl ether	1670	1340		ug/Kg		80	70 - 130
4-Chloroaniline	1670	1010		ug/Kg		61	20 - 160
4-Methylphenol	1670	1360		ug/Kg		82	70 - 130
4-Nitroaniline	1670	1150		ug/Kg		69	20 - 160
4-Nitrophenol	1670	1420		ug/Kg		85	20 - 160
Acenaphthylene	1670	1400		ug/Kg		84	70 - 130
Acenaphthene	1670	1300		ug/Kg		78	70 - 130
Acetophenone	1670	1340		ug/Kg		80	70 - 130
Anthracene	1670	1670		ug/Kg		100	70 - 130
Atrazine	1680	1760		ug/Kg		105	70 - 130
Benzaldehyde	1680	886	*	ug/Kg		53	70 - 130
Benzo[a]anthracene	1670	1600		ug/Kg		96	70 - 130
Benzo[a]pyrene	1670	1580		ug/Kg		94	70 - 130
Benzo[b]fluoranthene	1670	1640		ug/Kg		98	70 - 130
Benzo[g,h,i]perylene	1670	1580		ug/Kg		95	70 - 130
Benzo[k]fluoranthene	1670	1580		ug/Kg		95	70 - 130
Bis(2-chloroethoxy)methane	1680	1230		ug/Kg		73	70 - 130
Bis(2-chloroethyl)ether	1680	1160	*	ug/Kg		69	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1380		ug/Kg		82	70 - 130
Butylbenzylphthalate	1670	1430		ug/Kg		85	70 - 130
Caprolactam	1680	1480		ug/Kg		88	70 - 130
Carbazole	1670	1630		ug/Kg		98	70 - 130
Chrysene	1670	1550		ug/Kg		93	70 - 130
Di-n-butyl phthalate	1670	1490		ug/Kg		89	70 - 130
Di-n-octyl phthalate	1670	1470		ug/Kg		88	70 - 130
Dibenz(a,h)anthracene	1670	1700		ug/Kg		101	70 - 130
Dibenzofuran	1670	1350		ug/Kg		81	70 - 130
Dimethyl phthalate	1670	1430		ug/Kg		86	70 - 130
Diethyl phthalate	1670	1370		ug/Kg		82	70 - 130
Fluoranthene	1670	1540		ug/Kg		92	70 - 130
Fluorene	1670	1390		ug/Kg		83	70 - 130
Hexachlorobenzene	1670	1680		ug/Kg		100	70 - 130
Hexachlorobutadiene	1680	1380		ug/Kg		82	70 - 130
Hexachlorocyclopentadiene	3350	2340		ug/Kg		70	20 - 160
Hexachloroethane	1680	1180		ug/Kg		71	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1670		ug/Kg		100	70 - 130
Isophorone	1670	1260		ug/Kg		76	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43624/2-A

Matrix: Solid

Analysis Batch: 43975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	1670	1190		ug/Kg		71	70 - 130
N-Nitrosodiphenylamine	1670	1550		ug/Kg		93	70 - 130
Naphthalene	1680	1380		ug/Kg		82	70 - 130
Nitrobenzene	1670	1230		ug/Kg		73	70 - 130
Pentachlorophenol	1680	1650		ug/Kg		98	20 - 160
Phenanthrene	1670	1630		ug/Kg		98	70 - 130
Phenol	1670	1350		ug/Kg		81	20 - 160
Pyrene	1680	1430		ug/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	74		30 - 130
2-Fluorophenol (Surr)	79		30 - 130
p-Terphenyl-d14 (Surr)	80		30 - 130
Phenol-d5 (Surr)	78		30 - 130
Nitrobenzene-d5 (Surr)	71		30 - 130
2-Fluorobiphenyl (Surr)	75		30 - 130

Lab Sample ID: MB 410-43825/1-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
1,4-Dioxane	ND		330	100	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Chlorophenol	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Methylphenol	ND		67	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Nitroaniline	ND		50	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Nitrophenol	ND		57	27	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
3-Nitroaniline	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Chloroaniline	ND		170	33	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Methylphenol	ND		50	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43825/1-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
4-Nitrophenol	ND		500	170	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Acenaphthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Acetophenone	ND		50	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Anthracene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Atrazine	ND		430	200	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzaldehyde	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Caprolactam	ND		170	33	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Carbazole	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Chrysene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Dibenzofuran	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Diethyl phthalate	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Fluorene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Hexachloroethane	ND		170	33	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Isophorone	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Naphthalene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Nitrobenzene	ND		67	27	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Pentachlorophenol	ND		170	67	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Phenanthrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Phenol	ND		37	17	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	172	T J	ug/Kg		0.91		09/15/20 09:45	09/15/20 17:34	1
Benzene	262	T J N	ug/Kg		0.95	71-43-2	09/15/20 09:45	09/15/20 17:34	1
Unknown	185	T J	ug/Kg		2.72		09/15/20 09:45	09/15/20 17:34	1

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-43825/1-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43825

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	101		30 - 130	09/15/20 09:45	09/15/20 17:34	1
2-Fluorophenol (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 17:34	1
p-Terphenyl-d14 (Surr)	96		30 - 130	09/15/20 09:45	09/15/20 17:34	1
Phenol-d5 (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 17:34	1
Nitrobenzene-d5 (Surr)	67		30 - 130	09/15/20 09:45	09/15/20 17:34	1
2-Fluorobiphenyl (Surr)	87		30 - 130	09/15/20 09:45	09/15/20 17:34	1

Lab Sample ID: LCS 410-43825/2-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1470		ug/Kg		88	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1400		ug/Kg		84	70 - 130
1,4-Dioxane	1670	564		ug/Kg		34	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1060	*	ug/Kg		63	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1350		ug/Kg		81	70 - 130
2,4,5-Trichlorophenol	1670	1460		ug/Kg		87	20 - 160
2,4,6-Trichlorophenol	1670	1470		ug/Kg		88	20 - 160
2,4-Dichlorophenol	1670	1410		ug/Kg		85	70 - 130
2,4-Dimethylphenol	1670	1070	*	ug/Kg		64	70 - 130
2,4-Dinitrophenol	3340	2700		ug/Kg		81	20 - 160
2,4-Dinitrotoluene	1680	1440		ug/Kg		86	70 - 130
2,6-Dinitrotoluene	1680	1530		ug/Kg		91	70 - 130
2-Chloronaphthalene	1670	1180		ug/Kg		71	70 - 130
2-Chlorophenol	1670	1320		ug/Kg		79	70 - 130
2-Methylnaphthalene	1670	1390		ug/Kg		83	70 - 130
2-Methylphenol	1670	1250		ug/Kg		75	70 - 130
2-Nitroaniline	1670	1510		ug/Kg		90	20 - 160
2-Nitrophenol	1670	1370		ug/Kg		82	70 - 130
3,3'-Dichlorobenzidine	1670	1050	*	ug/Kg		63	70 - 130
3-Nitroaniline	1670	1540		ug/Kg		92	20 - 160
4,6-Dinitro-2-methylphenol	1670	1490		ug/Kg		90	20 - 160
4-Bromophenyl-phenylether	1680	1430		ug/Kg		85	70 - 130
4-Chloro-3-methylphenol	1670	1300		ug/Kg		78	20 - 160
4-Chlorophenyl-phenyl ether	1670	1470		ug/Kg		88	70 - 130
4-Chloroaniline	1670	921		ug/Kg		55	20 - 160
4-Methylphenol	1670	1120	*	ug/Kg		67	70 - 130
4-Nitroaniline	1670	1110		ug/Kg		66	20 - 160
4-Nitrophenol	1670	1060		ug/Kg		63	20 - 160
Acenaphthylene	1670	1500		ug/Kg		90	70 - 130
Acenaphthene	1670	1360		ug/Kg		81	70 - 130
Acetophenone	1670	1150	*	ug/Kg		69	70 - 130
Anthracene	1670	1510		ug/Kg		91	70 - 130
Atrazine	1680	1610		ug/Kg		96	70 - 130
Benzaldehyde	1680	944	*	ug/Kg		56	70 - 130
Benzo[a]anthracene	1670	1300		ug/Kg		78	70 - 130
Benzo[a]pyrene	1670	1480		ug/Kg		89	70 - 130

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43825/2-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	1670	1540		ug/Kg		92	70 - 130
Benzo[g,h,i]perylene	1670	1560		ug/Kg		94	70 - 130
Benzo[k]fluoranthene	1670	1510		ug/Kg		91	70 - 130
Bis(2-chloroethoxy)methane	1680	1190		ug/Kg		71	70 - 130
Bis(2-chloroethyl)ether	1680	1210		ug/Kg		72	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1510		ug/Kg		90	70 - 130
Butylbenzylphthalate	1670	1470		ug/Kg		88	70 - 130
Caprolactam	1680	1420		ug/Kg		85	70 - 130
Carbazole	1670	1480		ug/Kg		89	70 - 130
Chrysene	1670	1280		ug/Kg		77	70 - 130
Di-n-butyl phthalate	1670	1600		ug/Kg		96	70 - 130
Di-n-octyl phthalate	1670	1760		ug/Kg		105	70 - 130
Dibenz(a,h)anthracene	1670	1650		ug/Kg		98	70 - 130
Dibenzofuran	1670	1390		ug/Kg		83	70 - 130
Dimethyl phthalate	1670	1440		ug/Kg		86	70 - 130
Diethyl phthalate	1670	1490		ug/Kg		89	70 - 130
Fluoranthene	1670	1470		ug/Kg		88	70 - 130
Fluorene	1670	1440		ug/Kg		86	70 - 130
Hexachlorobenzene	1670	1480		ug/Kg		89	70 - 130
Hexachlorobutadiene	1680	1260		ug/Kg		75	70 - 130
Hexachlorocyclopentadiene	3350	2240		ug/Kg		67	20 - 160
Hexachloroethane	1680	1120	*	ug/Kg		67	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1540		ug/Kg		92	70 - 130
Isophorone	1670	1120	*	ug/Kg		67	70 - 130
N-Nitrosodi-n-propylamine	1670	1060	*	ug/Kg		64	70 - 130
N-Nitrosodiphenylamine	1670	1480		ug/Kg		89	70 - 130
Naphthalene	1680	1290		ug/Kg		77	70 - 130
Nitrobenzene	1670	1070	*	ug/Kg		64	70 - 130
Pentachlorophenol	1680	1060		ug/Kg		63	20 - 160
Phenanthrene	1670	1490		ug/Kg		89	70 - 130
Phenol	1670	1210		ug/Kg		72	20 - 160
Pyrene	1680	1320		ug/Kg		78	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	96		30 - 130
2-Fluorophenol (Surr)	73		30 - 130
p-Terphenyl-d14 (Surr)	82		30 - 130
Phenol-d5 (Surr)	73		30 - 130
Nitrobenzene-d5 (Surr)	63		30 - 130
2-Fluorobiphenyl (Surr)	82		30 - 130

Lab Sample ID: 410-13195-9 MS

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	ND	F1	1890	1440		ug/Kg	✖	76	70 - 130
1,2,4,5-Tetrachlorobenzene	ND	F1	1880	1350		ug/Kg	✖	72	70 - 130

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-13195-9 MS

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	ND		1880	464		ug/Kg	✱	25	20 - 160
2,2'-oxybis[1-chloropropane]	ND	F1 *	1890	1060	F1	ug/Kg	✱	56	70 - 130
2,3,4,6-Tetrachlorophenol	ND	F1	1880	1270	F1	ug/Kg	✱	67	70 - 130
2,4,5-Trichlorophenol	ND		1890	1380		ug/Kg	✱	73	20 - 160
2,4,6-Trichlorophenol	ND		1880	1350		ug/Kg	✱	72	20 - 160
2,4-Dichlorophenol	ND	F1	1880	1340		ug/Kg	✱	71	70 - 130
2,4-Dimethylphenol	ND	F1 *	1880	818	F1	ug/Kg	✱	43	70 - 130
2,4-Dinitrophenol	ND	F2	3770	1690		ug/Kg	✱	45	20 - 160
2,4-Dinitrotoluene	ND	F1	1890	1300	F1	ug/Kg	✱	69	70 - 130
2,6-Dinitrotoluene	ND	F1	1890	1450		ug/Kg	✱	76	70 - 130
2-Chloronaphthalene	ND	F1	1880	1410		ug/Kg	✱	75	70 - 130
2-Chlorophenol	ND	F1	1890	1290	F1	ug/Kg	✱	68	70 - 130
2-Methylnaphthalene	8.2	J F1	1880	1360		ug/Kg	✱	72	70 - 130
2-Methylphenol	ND	F1	1890	1130	F1	ug/Kg	✱	60	70 - 130
2-Nitroaniline	ND		1880	1470		ug/Kg	✱	78	20 - 160
2-Nitrophenol	ND	F1	1880	1290	F1	ug/Kg	✱	69	70 - 130
3,3'-Dichlorobenzidine	ND	F1 *	1890	663	F1	ug/Kg	✱	35	70 - 130
3-Nitroaniline	ND		1890	1320		ug/Kg	✱	70	20 - 160
4,6-Dinitro-2-methylphenol	ND	F2	1880	1040		ug/Kg	✱	55	20 - 160
4-Bromophenyl-phenylether	ND	F1	1890	1380		ug/Kg	✱	73	70 - 130
4-Chloro-3-methylphenol	ND		1880	1230		ug/Kg	✱	65	20 - 160
4-Chlorophenyl-phenyl ether	ND	F1	1890	1360		ug/Kg	✱	72	70 - 130
4-Chloroaniline	ND		1880	733		ug/Kg	✱	39	20 - 160
4-Methylphenol	ND	F1 *	1880	1080	F1	ug/Kg	✱	57	70 - 130
4-Nitroaniline	ND		1880	1190		ug/Kg	✱	63	20 - 160
4-Nitrophenol	ND		1880	1050		ug/Kg	✱	56	20 - 160
Acenaphthylene	68	F1	1880	1460		ug/Kg	✱	74	70 - 130
Acenaphthene	11	J F1	1880	1330		ug/Kg	✱	70	70 - 130
Acetophenone	ND	F1 *	1880	1150	F1	ug/Kg	✱	61	70 - 130
Anthracene	75	F1	1880	1440		ug/Kg	✱	73	70 - 130
Atrazine	ND	F1	1900	1430		ug/Kg	✱	75	70 - 130
Benzaldehyde	ND	F1 *	1900	1010	F1	ug/Kg	✱	53	70 - 130
Benzo[a]anthracene	190	F1	1880	1340	F1	ug/Kg	✱	61	70 - 130
Benzo[a]pyrene	190	F1	1890	1400	F1	ug/Kg	✱	64	70 - 130
Benzo[b]fluoranthene	230	F1	1880	1510	F1	ug/Kg	✱	67	70 - 130
Benzo[g,h,i]perylene	170		1880	1490		ug/Kg	✱	70	70 - 130
Benzo[k]fluoranthene	72	F1	1880	1300	F1	ug/Kg	✱	65	70 - 130
Bis(2-chloroethoxy)methane	ND	F1	1890	1140	F1	ug/Kg	✱	60	70 - 130
Bis(2-chloroethyl)ether	ND	F1	1890	1230	F1	ug/Kg	✱	65	70 - 130
Bis(2-ethylhexyl) phthalate	ND		1890	1540		ug/Kg	✱	81	70 - 130
Butylbenzylphthalate	ND		1880	1480		ug/Kg	✱	79	70 - 130
Caprolactam	ND	F1	1900	1320	F1	ug/Kg	✱	69	70 - 130
Carbazole	ND		1880	1450		ug/Kg	✱	77	70 - 130
Chrysene	190	F1	1880	1320	F1	ug/Kg	✱	60	70 - 130
Di-n-butyl phthalate	ND		1890	1520		ug/Kg	✱	80	70 - 130
Di-n-octyl phthalate	ND		1890	1550		ug/Kg	✱	82	70 - 130
Dibenz(a,h)anthracene	46		1890	1520		ug/Kg	✱	78	70 - 130
Dibenzofuran	ND	F1	1880	1320		ug/Kg	✱	70	70 - 130
Dimethyl phthalate	ND	F1	1880	1330		ug/Kg	✱	71	70 - 130

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-13195-9 MS

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diethyl phthalate	ND	F1	1880	1360		ug/Kg	✱	72	70 - 130
Fluoranthene	370	F1	1880	1440	F1	ug/Kg	✱	57	70 - 130
Fluorene	21	F1	1880	1380		ug/Kg	✱	72	70 - 130
Hexachlorobenzene	ND	F1	1880	1350		ug/Kg	✱	72	70 - 130
Hexachlorobutadiene	ND	F1	1890	1210	F1	ug/Kg	✱	64	70 - 130
Hexachlorocyclopentadiene	ND	F2 F1	3780	872		ug/Kg	✱	23	20 - 160
Hexachloroethane	ND	F1 *	1890	1070	F1	ug/Kg	✱	57	70 - 130
Indeno[1,2,3-cd]pyrene	140	F1	1890	1450	F1	ug/Kg	✱	69	70 - 130
Isophorone	ND	F1 *	1880	1070	F1	ug/Kg	✱	57	70 - 130
N-Nitrosodi-n-propylamine	ND	F1 *	1880	1030	F1	ug/Kg	✱	55	70 - 130
N-Nitrosodiphenylamine	ND	F1	1880	1370		ug/Kg	✱	73	70 - 130
Naphthalene	8.5	J F1	1890	1260	F1	ug/Kg	✱	66	70 - 130
Nitrobenzene	ND	F1 *	1890	1050	F1	ug/Kg	✱	56	70 - 130
Pentachlorophenol	ND		1890	1040		ug/Kg	✱	55	20 - 160
Phenanthrene	240	F1	1890	1450	F1	ug/Kg	✱	64	70 - 130
Phenol	ND		1880	1220		ug/Kg	✱	65	20 - 160
Pyrene	340	F1	1900	1410	F1	ug/Kg	✱	56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		30 - 130
2-Fluorophenol (Surr)	63		30 - 130
p-Terphenyl-d14 (Surr)	71		30 - 130
Phenol-d5 (Surr)	64		30 - 130
Nitrobenzene-d5 (Surr)	56		30 - 130
2-Fluorobiphenyl (Surr)	71		30 - 130

Lab Sample ID: 410-13195-9 MSD

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	ND	F1	1870	1290	F1	ug/Kg	✱	69	70 - 130	11	30
1,2,4,5-Tetrachlorobenzene	ND	F1	1860	1220	F1	ug/Kg	✱	66	70 - 130	10	30
1,4-Dioxane	ND		1860	389		ug/Kg	✱	21	20 - 160	18	30
2,2'-oxybis[1-chloropropane]	ND	F1 *	1870	940	F1	ug/Kg	✱	50	70 - 130	12	30
2,3,4,6-Tetrachlorophenol	ND	F1	1860	1170	F1	ug/Kg	✱	63	70 - 130	8	30
2,4,5-Trichlorophenol	ND		1870	1260		ug/Kg	✱	67	20 - 160	9	30
2,4,6-Trichlorophenol	ND		1860	1230		ug/Kg	✱	66	20 - 160	10	30
2,4-Dichlorophenol	ND	F1	1860	1210	F1	ug/Kg	✱	65	70 - 130	10	30
2,4-Dimethylphenol	ND	F1 *	1860	705	F1	ug/Kg	✱	38	70 - 130	15	30
2,4-Dinitrophenol	ND	F2	3730	981	J F2	ug/Kg	✱	26	20 - 160	53	30
2,4-Dinitrotoluene	ND	F1	1870	1150	F1	ug/Kg	✱	62	70 - 130	12	30
2,6-Dinitrotoluene	ND	F1	1870	1260	F1	ug/Kg	✱	67	70 - 130	14	30
2-Chloronaphthalene	ND	F1	1860	1090	F1	ug/Kg	✱	58	70 - 130	26	30
2-Chlorophenol	ND	F1	1870	1120	F1	ug/Kg	✱	60	70 - 130	14	30
2-Methylnaphthalene	8.2	J F1	1860	1230	F1	ug/Kg	✱	65	70 - 130	10	30
2-Methylphenol	ND	F1	1870	986	F1	ug/Kg	✱	53	70 - 130	14	30
2-Nitroaniline	ND		1860	1320		ug/Kg	✱	71	20 - 160	10	30

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-13195-9 MSD

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Nitrophenol	ND	F1	1860	1180	F1	ug/Kg	✱	63	70 - 130	9	30
3,3'-Dichlorobenzidine	ND	F1 *	1870	763	F1	ug/Kg	✱	41	70 - 130	14	30
3-Nitroaniline	ND		1870	1250		ug/Kg	✱	67	20 - 160	5	30
4,6-Dinitro-2-methylphenol	ND	F2	1860	684	F2	ug/Kg	✱	37	20 - 160	41	30
4-Bromophenyl-phenylether	ND	F1	1870	1260	F1	ug/Kg	✱	67	70 - 130	9	30
4-Chloro-3-methylphenol	ND		1860	1100		ug/Kg	✱	59	20 - 160	11	30
4-Chlorophenyl-phenyl ether	ND	F1	1870	1250	F1	ug/Kg	✱	67	70 - 130	9	30
4-Chloroaniline	ND		1860	683		ug/Kg	✱	37	20 - 160	7	30
4-Methylphenol	ND	F1 *	1860	944	F1	ug/Kg	✱	51	70 - 130	13	30
4-Nitroaniline	ND		1860	1130		ug/Kg	✱	61	20 - 160	5	30
4-Nitrophenol	ND		1870	949		ug/Kg	✱	51	20 - 160	10	30
Acenaphthylene	68	F1	1870	1350	F1	ug/Kg	✱	68	70 - 130	8	30
Acenaphthene	11	J F1	1860	1210	F1	ug/Kg	✱	64	70 - 130	10	30
Acetophenone	ND	F1 *	1870	1020	F1	ug/Kg	✱	55	70 - 130	12	30
Anthracene	75	F1	1870	1330	F1	ug/Kg	✱	67	70 - 130	8	30
Atrazine	ND	F1	1880	1290	F1	ug/Kg	✱	68	70 - 130	10	30
Benzaldehyde	ND	F1 *	1880	874	F1	ug/Kg	✱	47	70 - 130	14	30
Benzo[a]anthracene	190	F1	1860	1280	F1	ug/Kg	✱	59	70 - 130	4	30
Benzo[a]pyrene	190	F1	1870	1370	F1	ug/Kg	✱	63	70 - 130	2	30
Benzo[b]fluoranthene	230	F1	1870	1510	F1	ug/Kg	✱	69	70 - 130	1	30
Benzo[g,h,i]perylene	170		1860	1470		ug/Kg	✱	70	70 - 130	1	30
Benzo[k]fluoranthene	72	F1	1860	1240	F1	ug/Kg	✱	63	70 - 130	5	30
Bis(2-chloroethoxy)methane	ND	F1	1870	1020	F1	ug/Kg	✱	55	70 - 130	11	30
Bis(2-chloroethyl)ether	ND	F1	1870	1070	F1	ug/Kg	✱	57	70 - 130	14	30
Bis(2-ethylhexyl) phthalate	ND		1870	1430		ug/Kg	✱	77	70 - 130	7	30
Butylbenzylphthalate	ND		1860	1390		ug/Kg	✱	74	70 - 130	6	30
Caprolactam	ND	F1	1880	1170	F1	ug/Kg	✱	62	70 - 130	12	30
Carbazole	ND		1860	1330		ug/Kg	✱	71	70 - 130	8	30
Chrysene	190	F1	1860	1230	F1	ug/Kg	✱	56	70 - 130	7	30
Di-n-butyl phthalate	ND		1870	1360		ug/Kg	✱	73	70 - 130	11	30
Di-n-octyl phthalate	ND		1870	1510		ug/Kg	✱	81	70 - 130	2	30
Dibenz(a,h)anthracene	46		1870	1500		ug/Kg	✱	78	70 - 130	1	30
Dibenzofuran	ND	F1	1860	1200	F1	ug/Kg	✱	65	70 - 130	10	30
Dimethyl phthalate	ND	F1	1860	1190	F1	ug/Kg	✱	64	70 - 130	11	30
Diethyl phthalate	ND	F1	1860	1250	F1	ug/Kg	✱	67	70 - 130	9	30
Fluoranthene	370	F1	1860	1360	F1	ug/Kg	✱	53	70 - 130	6	30
Fluorene	21	F1	1870	1250	F1	ug/Kg	✱	66	70 - 130	10	30
Hexachlorobenzene	ND	F1	1860	1230	F1	ug/Kg	✱	66	70 - 130	10	30
Hexachlorobutadiene	ND	F1	1880	1120	F1	ug/Kg	✱	60	70 - 130	7	30
Hexachlorocyclopentadiene	ND	F2 F1	3740	460	J F1 F2	ug/Kg	✱	12	20 - 160	62	30
Hexachloroethane	ND	F1 *	1870	856	F1	ug/Kg	✱	46	70 - 130	22	30
Indeno[1,2,3-cd]pyrene	140	F1	1870	1450		ug/Kg	✱	70	70 - 130	0	30
Isophorone	ND	F1 *	1860	971	F1	ug/Kg	✱	52	70 - 130	10	30
N-Nitrosodi-n-propylamine	ND	F1 *	1860	912	F1	ug/Kg	✱	49	70 - 130	12	30
N-Nitrosodiphenylamine	ND	F1	1860	1240	F1	ug/Kg	✱	66	70 - 130	10	30
Naphthalene	8.5	J F1	1870	1130	F1	ug/Kg	✱	60	70 - 130	11	30
Nitrobenzene	ND	F1 *	1870	930	F1	ug/Kg	✱	50	70 - 130	12	30
Pentachlorophenol	ND		1870	912		ug/Kg	✱	49	20 - 160	13	30
Phenanthrene	240	F1	1870	1310	F1	ug/Kg	✱	57	70 - 130	10	30

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-13195-9 MSD

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: S-3A

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	ND		1870	1080		ug/Kg	✱	58	20 - 160	13	30
Pyrene	340	F1	1880	1330	F1	ug/Kg	✱	53	70 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	68		30 - 130
2-Fluorophenol (Surr)	55		30 - 130
p-Terphenyl-d14 (Surr)	65		30 - 130
Phenol-d5 (Surr)	57		30 - 130
Nitrobenzene-d5 (Surr)	50		30 - 130
2-Fluorobiphenyl (Surr)	63		30 - 130

Lab Sample ID: MB 410-44300/1-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
1,2,4,5-Tetrachlorobenzene	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
1,4-Dioxane	ND		330	100	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,3,4,6-Tetrachlorophenol	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4,5-Trichlorophenol	ND		67	30	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4,6-Trichlorophenol	ND		57	27	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4-Dimethylphenol	ND		67	30	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4-Dinitrophenol	ND		1000	330	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,4-Dinitrotoluene	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2,6-Dinitrotoluene	ND		50	23	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Chloronaphthalene	ND		33	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Chlorophenol	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Methylphenol	ND		67	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Nitroaniline	ND		50	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
2-Nitrophenol	ND		57	27	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
3,3'-Dichlorobenzidine	ND		330	100	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
3-Nitroaniline	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4,6-Dinitro-2-methylphenol	ND		500	230	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Bromophenyl-phenylether	ND		50	23	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Chloro-3-methylphenol	ND		50	23	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Chlorophenyl-phenyl ether	ND		43	20	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Chloroaniline	ND		170	33	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Methylphenol	ND		50	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Nitroaniline	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
4-Nitrophenol	ND		500	170	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Acenaphthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Acetophenone	ND		50	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Anthracene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-44300/1-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		430	200	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzaldehyde	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Bis(2-chloroethyl)ether	ND		50	23	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Butylbenzylphthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Caprolactam	ND		170	33	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Carbazole	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Chrysene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Dibenzofuran	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Dimethyl phthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Diethyl phthalate	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Fluorene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Hexachlorobenzene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Hexachlorobutadiene	ND		77	37	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Hexachlorocyclopentadiene	ND		500	200	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Hexachloroethane	ND		170	33	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Isophorone	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
N-Nitrosodi-n-propylamine	ND		50	23	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Naphthalene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Nitrobenzene	ND		67	27	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Pentachlorophenol	ND		170	67	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Phenanthrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Phenol	ND		37	17	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	931	T J	ug/Kg		0.96		09/16/20 09:25	09/16/20 19:06	1
Benzene	141	T J N	ug/Kg		1.01	71-43-2	09/16/20 09:25	09/16/20 19:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		30 - 130	09/16/20 09:25	09/16/20 19:06	1
2-Fluorophenol (Surr)	63		30 - 130	09/16/20 09:25	09/16/20 19:06	1
p-Terphenyl-d14 (Surr)	77		30 - 130	09/16/20 09:25	09/16/20 19:06	1
Phenol-d5 (Surr)	62		30 - 130	09/16/20 09:25	09/16/20 19:06	1
Nitrobenzene-d5 (Surr)	54		30 - 130	09/16/20 09:25	09/16/20 19:06	1
2-Fluorobiphenyl (Surr)	69		30 - 130	09/16/20 09:25	09/16/20 19:06	1

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 410-44300/2-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	1670	1370		ug/Kg		82	70 - 130
1,2,4,5-Tetrachlorobenzene	1670	1320		ug/Kg		79	70 - 130
1,4-Dioxane	1670	591		ug/Kg		35	20 - 160
2,2'-oxybis[1-chloropropane]	1670	1140	*	ug/Kg		68	70 - 130
2,3,4,6-Tetrachlorophenol	1670	1240		ug/Kg		74	70 - 130
2,4,5-Trichlorophenol	1670	1370		ug/Kg		82	20 - 160
2,4,6-Trichlorophenol	1670	1360		ug/Kg		82	20 - 160
2,4-Dichlorophenol	1670	1290		ug/Kg		77	70 - 130
2,4-Dimethylphenol	1670	962	*	ug/Kg		58	70 - 130
2,4-Dinitrophenol	3340	2420		ug/Kg		72	20 - 160
2,4-Dinitrotoluene	1680	1350		ug/Kg		81	70 - 130
2,6-Dinitrotoluene	1680	1450		ug/Kg		87	70 - 130
2-Chloronaphthalene	1670	1270		ug/Kg		76	70 - 130
2-Chlorophenol	1670	1300		ug/Kg		78	70 - 130
2-Methylnaphthalene	1670	1270		ug/Kg		76	70 - 130
2-Methylphenol	1670	1240		ug/Kg		74	70 - 130
2-Nitroaniline	1670	1410		ug/Kg		85	20 - 160
2-Nitrophenol	1670	1270		ug/Kg		76	70 - 130
3,3'-Dichlorobenzidine	1670	1220		ug/Kg		73	70 - 130
3-Nitroaniline	1670	1500		ug/Kg		90	20 - 160
4,6-Dinitro-2-methylphenol	1670	1380		ug/Kg		83	20 - 160
4-Bromophenyl-phenylether	1680	1360		ug/Kg		81	70 - 130
4-Chloro-3-methylphenol	1670	1210		ug/Kg		73	20 - 160
4-Chlorophenyl-phenyl ether	1670	1340		ug/Kg		80	70 - 130
4-Chloroaniline	1670	1060		ug/Kg		64	20 - 160
4-Methylphenol	1670	1140	*	ug/Kg		68	70 - 130
4-Nitroaniline	1670	1080		ug/Kg		65	20 - 160
4-Nitrophenol	1670	1090		ug/Kg		65	20 - 160
Acenaphthylene	1670	1410		ug/Kg		84	70 - 130
Acenaphthene	1670	1310		ug/Kg		79	70 - 130
Acetophenone	1670	1170		ug/Kg		70	70 - 130
Anthracene	1670	1450		ug/Kg		86	70 - 130
Atrazine	1680	1590		ug/Kg		94	70 - 130
Benzaldehyde	1680	933	*	ug/Kg		55	70 - 130
Benzo[a]anthracene	1670	1340		ug/Kg		80	70 - 130
Benzo[a]pyrene	1670	1490		ug/Kg		89	70 - 130
Benzo[b]fluoranthene	1670	1560		ug/Kg		93	70 - 130
Benzo[g,h,i]perylene	1670	1600		ug/Kg		96	70 - 130
Benzo[k]fluoranthene	1670	1540		ug/Kg		92	70 - 130
Bis(2-chloroethoxy)methane	1680	1080	*	ug/Kg		65	70 - 130
Bis(2-chloroethyl)ether	1680	1230		ug/Kg		74	70 - 130
Bis(2-ethylhexyl) phthalate	1680	1470		ug/Kg		88	70 - 130
Butylbenzylphthalate	1670	1460		ug/Kg		88	70 - 130
Caprolactam	1680	1340		ug/Kg		79	70 - 130
Carbazole	1670	1490		ug/Kg		90	70 - 130
Chrysene	1670	1300		ug/Kg		78	70 - 130
Di-n-butyl phthalate	1670	1520		ug/Kg		91	70 - 130
Di-n-octyl phthalate	1670	1680		ug/Kg		100	70 - 130

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-44300/2-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	1670	1750		ug/Kg		105	70 - 130
Dibenzofuran	1670	1290		ug/Kg		77	70 - 130
Dimethyl phthalate	1670	1340		ug/Kg		81	70 - 130
Diethyl phthalate	1670	1380		ug/Kg		83	70 - 130
Fluoranthene	1670	1410		ug/Kg		85	70 - 130
Fluorene	1670	1360		ug/Kg		81	70 - 130
Hexachlorobenzene	1670	1390		ug/Kg		83	70 - 130
Hexachlorobutadiene	1680	1160	*	ug/Kg		69	70 - 130
Hexachlorocyclopentadiene	3350	2200		ug/Kg		66	20 - 160
Hexachloroethane	1680	1150	*	ug/Kg		69	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1630		ug/Kg		97	70 - 130
Isophorone	1670	1050	*	ug/Kg		63	70 - 130
N-Nitrosodi-n-propylamine	1670	1060	*	ug/Kg		64	70 - 130
N-Nitrosodiphenylamine	1670	1440		ug/Kg		86	70 - 130
Naphthalene	1680	1200		ug/Kg		71	70 - 130
Nitrobenzene	1670	1010	*	ug/Kg		60	70 - 130
Pentachlorophenol	1680	982		ug/Kg		59	20 - 160
Phenanthrene	1670	1430		ug/Kg		86	70 - 130
Phenol	1670	1230		ug/Kg		73	20 - 160
Pyrene	1680	1340		ug/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	88		30 - 130
2-Fluorophenol (Surr)	72		30 - 130
p-Terphenyl-d14 (Surr)	83		30 - 130
Phenol-d5 (Surr)	74		30 - 130
Nitrobenzene-d5 (Surr)	60		30 - 130
2-Fluorobiphenyl (Surr)	77		30 - 130

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 410-42185/4

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.254	J	1.0	0.18	mg/Kg			09/09/20 18:59	25

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142		09/09/20 18:59	25

Lab Sample ID: LCS 410-42185/5

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (1C)	11.0	10.7		mg/Kg		97	60 - 132

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 410-42185/5

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid) (1C)	94		50 - 142

Lab Sample ID: LCSD 410-42185/6

Matrix: Solid

Analysis Batch: 42185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (1C)	11.0	10.5		mg/Kg		96	60 - 132	2	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 410-43945/1-A

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		10	5.0	mg/Kg			09/15/20 14:39	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
Tetramethylene glycol (Surr)	58		10 - 143

Prepared	Analyzed	Dil Fac	
	09/15/20 14:39	1	

Lab Sample ID: LCS 410-43945/2-A

Matrix: Solid

Analysis Batch: 44022

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene glycol	105	108		mg/Kg		103	61 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetramethylene glycol (Surr)	93		10 - 143

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-42838/1-A

Matrix: Solid

Analysis Batch: 43130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		09/11/20 09:49	09/11/20 23:40	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
o- terphenyl (Surr)	103		42 - 143

Prepared	Analyzed	Dil Fac	
09/11/20 09:49	09/11/20 23:40	1	

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 410-42838/2-A

Matrix: Solid

Analysis Batch: 43130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	133	134		mg/Kg		101	76 - 117
Surrogate	%Recovery	LCS Qualifier	Limits				
o-terphenyl (Surr)	111		42 - 143				

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 410-43626/1-A

Matrix: Solid

Analysis Batch: 44809

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.83	0.17	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
alpha-BHC (1C)	ND		0.83	0.17	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
alpha-Chlordane (1C)	ND		0.83	0.17	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
beta-BHC (1C)	ND		1.0	0.44	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
delta-BHC (1C)	ND		1.0	0.45	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Dieldrin (1C)	ND		1.7	0.33	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endosulfan I (1C)	ND		0.83	0.22	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endosulfan II (1C)	ND		2.3	1.1	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endosulfan sulfate (1C)	ND		1.7	0.33	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endrin (1C)	ND		1.7	0.68	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endrin aldehyde (1C)	ND		1.7	0.33	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Endrin ketone (1C)	ND		2.0	0.60	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
gamma-BHC (Lindane) (1C)	ND		0.83	0.21	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
gamma-Chlordane (1C)	ND		0.83	0.25	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Heptachlor (1C)	ND		0.83	0.31	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Heptachlor epoxide (1C)	ND		0.83	0.17	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Methoxychlor (1C)	ND		6.7	1.8	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Toxaphene (1C)	ND		33	14	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
p,p'-DDD (1C)	ND		1.7	0.33	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
p,p'-DDE (1C)	ND		1.7	0.33	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
p,p'-DDT (1C)	ND		1.7	0.79	ug/Kg		09/14/20 17:30	09/17/20 10:38	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	172	X	30 - 150				09/14/20 17:30	09/17/20 10:38	1
DCB Decachlorobiphenyl (Surr) (2C)	184	X	30 - 150				09/14/20 17:30	09/17/20 10:38	1
Tetrachloro-m-xylene (Surr) (1C)	102		30 - 150				09/14/20 17:30	09/17/20 10:38	1
Tetrachloro-m-xylene (Surr) (2C)	100		30 - 150				09/14/20 17:30	09/17/20 10:38	1

Lab Sample ID: LCS 410-43626/2-A

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin (1C)	3.33	5.15	*	ug/Kg		154	30 - 140
alpha-BHC (2C)	3.38	5.15	*	ug/Kg		153	30 - 140
beta-BHC (1C)	3.33	4.84	*	ug/Kg		145	30 - 140

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 410-43626/2-A

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
delta-BHC (1C)	3.38	5.26	*	ug/Kg		156	30 - 140
Dieldrin (2C)	6.71	10.5	*	ug/Kg		157	30 - 140
Endosulfan I (2C)	3.38	5.00	*	ug/Kg		148	30 - 140
Endosulfan II (1C)	6.67	10.0	*	ug/Kg		150	30 - 140
Endosulfan sulfate (1C)	6.71	10.2	*	ug/Kg		151	30 - 140
Endrin (1C)	6.71	10.5	*	ug/Kg		156	30 - 140
Endrin aldehyde (1C)	6.71	9.19	*	ug/Kg		137	30 - 140
Endrin ketone (2C)	6.71	9.60	*	ug/Kg		143	30 - 140
gamma-BHC (Lindane) (1C)	3.33	5.11	*	ug/Kg		153	30 - 140
Heptachlor (1C)	3.38	5.23	*	ug/Kg		155	30 - 140
Heptachlor epoxide (1C)	3.33	4.99	*	ug/Kg		150	30 - 140
Methoxychlor (1C)	33.6	64.9	*	ug/Kg		193	30 - 140
p,p'-DDD (1C)	6.71	11.0	*	ug/Kg		164	30 - 140
p,p'-DDE (1C)	6.71	11.1	*	ug/Kg		165	30 - 140
p,p'-DDT (2C)	6.71	11.8	*	ug/Kg		176	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	169	X	30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	168	X	30 - 150
Tetrachloro-m-xylene (Surr) (1C)	106		30 - 150
Tetrachloro-m-xylene (Surr) (2C)	101		30 - 150

Lab Sample ID: LCS 410-43626/2-A

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin (2C)	3.33	5.26	*	ug/Kg		158	30 - 140
alpha-BHC (2C)	3.38	5.18	*	ug/Kg		154	30 - 140
beta-BHC (1C)	3.33	5.10	*	ug/Kg		153	30 - 140
delta-BHC (1C)	3.38	5.26	*	ug/Kg		156	30 - 140
Dieldrin (1C)	6.71	10.7	*	ug/Kg		160	30 - 140
Endosulfan I (2C)	3.38	5.15	*	ug/Kg		153	30 - 140
Endosulfan II (2C)	6.67	10.2	*	ug/Kg		154	30 - 140
Endosulfan sulfate (1C)	6.71	10.9	*	ug/Kg		162	30 - 140
Endrin (1C)	6.71	10.5	*	ug/Kg		157	30 - 140
Endrin aldehyde (1C)	6.71	9.79	*	ug/Kg		146	30 - 140
Endrin ketone (1C)	6.71	10.1	*	ug/Kg		151	30 - 140
gamma-BHC (Lindane) (1C)	3.33	5.19	*	ug/Kg		156	30 - 140
Heptachlor (1C)	3.38	5.39	*	ug/Kg		160	30 - 140
Heptachlor epoxide (2C)	3.33	5.20	*	ug/Kg		156	30 - 140
Methoxychlor (1C)	33.6	65.9	*	ug/Kg		196	30 - 140
p,p'-DDD (1C)	6.71	11.3	*	ug/Kg		169	30 - 140
p,p'-DDE (1C)	6.71	11.1	*	ug/Kg		166	30 - 140
p,p'-DDT (2C)	6.71	12.3	*	ug/Kg		184	30 - 140

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 410-43626/2-A

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43626

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	177	X	30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	169	X	30 - 150
Tetrachloro-m-xylene (Surr) (1C)	109		30 - 150
Tetrachloro-m-xylene (Surr) (2C)	106		30 - 150

Lab Sample ID: 410-13195-5 MS

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin (1C)	ND	*	3.54	3.30	J	ug/Kg	⊛	93	30 - 150
alpha-BHC (1C)	ND	*	3.58	2.90	J	ug/Kg	⊛	81	30 - 150
beta-BHC (1C)	ND	* F1	3.54	ND	F1	ug/Kg	⊛	0	30 - 150
delta-BHC (1C)	ND	* F1	3.58	ND	F1	ug/Kg	⊛	0	30 - 150
Dieldrin (1C)	ND	*	7.12	6.19	J	ug/Kg	⊛	87	30 - 150
Endosulfan I (1C)	ND	*	3.58	3.20	J	ug/Kg	⊛	89	30 - 140
Endosulfan II (1C)	ND	* F1	7.08	ND	F1	ug/Kg	⊛	0	30 - 150
Endosulfan sulfate (2C)	ND	*	7.12	4.43	J	ug/Kg	⊛	62	30 - 150
Endrin (1C)	ND	*	7.12	5.87	J	ug/Kg	⊛	82	30 - 150
Endrin aldehyde (1C)	ND	*	7.12	3.46	J	ug/Kg	⊛	49	30 - 150
Endrin ketone (2C)	ND	*	7.12	4.51	J	ug/Kg	⊛	63	30 - 150
gamma-BHC (Lindane) (2C)	ND	*	3.54	2.79	J	ug/Kg	⊛	79	30 - 150
Heptachlor (2C)	ND	*	3.58	3.28	J	ug/Kg	⊛	92	30 - 150
Heptachlor epoxide (1C)	ND	*	3.54	3.05	J	ug/Kg	⊛	86	30 - 150
Methoxychlor (1C)	ND	*	35.7	39.5		ug/Kg	⊛	111	30 - 150
p,p'-DDD (1C)	ND	*	7.12	6.16	J	ug/Kg	⊛	86	30 - 150
p,p'-DDE (1C)	6.0	J *	7.12	10.5		ug/Kg	⊛	63	30 - 150
p,p'-DDT (2C)	28	* F1	7.12	27.4	F1	ug/Kg	⊛	-8	30 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	107		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	106		30 - 150
Tetrachloro-m-xylene (Surr) (1C)	87		30 - 150
Tetrachloro-m-xylene (Surr) (2C)	85		30 - 150

Lab Sample ID: 410-13195-5 MS

Matrix: Solid

Analysis Batch: 47350

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin (1C)	ND	H	3.54	4.17	J	ug/Kg	⊛	118	30 - 150
alpha-BHC (1C)	ND	H	3.58	3.57	J	ug/Kg	⊛	100	30 - 150

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 410-13195-5 MS

Matrix: Solid

Analysis Batch: 47350

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
beta-BHC (1C)	ND	H	3.54	ND	F1	ug/Kg	⊛	0	30 - 150
delta-BHC (2C)	ND	* F1	3.58	ND	F1	ug/Kg	⊛	0	30 - 150
Dieldrin (1C)	ND	H	7.12	7.63	J	ug/Kg	⊛	107	30 - 150
Endosulfan I (1C)	ND	H	3.58	3.89	J	ug/Kg	⊛	109	30 - 140
Endosulfan II (2C)	ND	* F1	7.08	ND	F1	ug/Kg	⊛	0	30 - 150
Endosulfan sulfate (1C)	ND	H	7.12	5.21	J	ug/Kg	⊛	73	30 - 150
Endrin (1C)	ND	H	7.12	6.90	J	ug/Kg	⊛	97	30 - 150
Endrin aldehyde (1C)	ND	H	7.12	3.88	J	ug/Kg	⊛	54	30 - 150
Endrin ketone (1C)	ND	H	7.12	4.74	J	ug/Kg	⊛	67	30 - 150
gamma-BHC (Lindane) (2C)	ND	*	3.54	3.28	J	ug/Kg	⊛	93	30 - 150
Heptachlor (2C)	ND	*	3.58	3.62	J	ug/Kg	⊛	101	30 - 150
Heptachlor epoxide (1C)	ND	H	3.54	3.77	J	ug/Kg	⊛	106	30 - 150
Methoxychlor (1C)	ND	H	35.7	34.5	J	ug/Kg	⊛	97	30 - 150
p,p'-DDD (1C)	ND	H	7.12	7.32	J	ug/Kg	⊛	103	30 - 150
p,p'-DDE (1C)	3.2	J H	7.12	13.7		ug/Kg	⊛	147	30 - 150
p,p'-DDT (1C)	19	H	7.12	25.7		ug/Kg	⊛	92	30 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	115		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	116		30 - 150
Tetrachloro-m-xylene (Surr) (1C)	97		30 - 150
Tetrachloro-m-xylene (Surr) (2C)	90		30 - 150

Lab Sample ID: 410-13195-5 MSD

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin (1C)	ND	*	3.57	3.53	J	ug/Kg	⊛	99	30 - 150	7	30
alpha-BHC (1C)	ND	*	3.62	3.07	J	ug/Kg	⊛	85	30 - 150	6	30
beta-BHC (1C)	ND	* F1	3.57	ND	F1	ug/Kg	⊛	0	30 - 150	NC	30
delta-BHC (1C)	ND	* F1	3.62	ND	F1	ug/Kg	⊛	0	30 - 150	NC	30
Dieldrin (2C)	ND	*	7.19	6.22	J	ug/Kg	⊛	86	30 - 150	0	30
Endosulfan I (1C)	ND	*	3.62	3.50	J	ug/Kg	⊛	97	30 - 140	9	30
Endosulfan II (1C)	ND	* F1	7.15	ND	F1	ug/Kg	⊛	0	30 - 150	NC	30
Endosulfan sulfate (1C)	ND	*	7.19	4.25	J	ug/Kg	⊛	59	30 - 150	4	30
Endrin (1C)	ND	*	7.19	5.97	J	ug/Kg	⊛	83	30 - 150	2	30
Endrin aldehyde (1C)	ND	*	7.19	3.21	J	ug/Kg	⊛	45	30 - 150	7	30
Endrin ketone (2C)	ND	*	7.19	4.55	J	ug/Kg	⊛	63	30 - 150	1	30
gamma-BHC (Lindane) (2C)	ND	*	3.57	2.90	J	ug/Kg	⊛	81	30 - 150	4	30
Heptachlor (2C)	ND	*	3.62	3.63	J	ug/Kg	⊛	100	30 - 150	10	30
Heptachlor epoxide (2C)	ND	*	3.57	3.24	J	ug/Kg	⊛	91	30 - 150	6	30
Methoxychlor (1C)	ND	*	36.0	41.4		ug/Kg	⊛	115	30 - 150	5	30
p,p'-DDD (1C)	ND	*	7.19	6.53	J	ug/Kg	⊛	91	30 - 150	6	30
p,p'-DDE (1C)	6.0	J *	7.19	11.3		ug/Kg	⊛	73	30 - 150	7	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 410-13195-5 MSD

Matrix: Solid

Analysis Batch: 45185

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
p,p'-DDT (2C)	28	* F1	7.19	30.0	F1	ug/Kg	✱	28	30 - 150	9	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl (Surr) (1C)	107		30 - 150								
DCB Decachlorobiphenyl (Surr) (2C)	117		30 - 150								
Tetrachloro-m-xylene (Surr) (1C)	90		30 - 150								
Tetrachloro-m-xylene (Surr) (2C)	88		30 - 150								

Lab Sample ID: 410-13195-5 MSD

Matrix: Solid

Analysis Batch: 47350

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 43626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin (1C)	ND	H	3.57	4.35	J	ug/Kg	✱	122	30 - 150	4	30
alpha-BHC (1C)	ND	H	3.62	3.47	J	ug/Kg	✱	96	30 - 150	3	30
beta-BHC (1C)	ND	H	3.57	ND	F1	ug/Kg	✱	0	30 - 150	NC	30
delta-BHC (2C)	ND	* F1	3.62	ND	F1	ug/Kg	✱	0	30 - 150	NC	30
Dieldrin (1C)	ND	H	7.19	7.23	J	ug/Kg	✱	101	30 - 150	5	30
Endosulfan I (1C)	ND	H	3.62	3.98	J	ug/Kg	✱	110	30 - 140	2	30
Endosulfan II (2C)	ND	* F1	7.15	ND	F1	ug/Kg	✱	0	30 - 150	NC	30
Endosulfan sulfate (1C)	ND	H	7.19	4.53	J	ug/Kg	✱	63	30 - 150	14	30
Endrin (1C)	ND	H	7.19	6.46	J	ug/Kg	✱	90	30 - 150	7	30
Endrin aldehyde (1C)	ND	H	7.19	3.29	J	ug/Kg	✱	46	30 - 150	16	30
Endrin ketone (1C)	ND	H	7.19	4.25	J	ug/Kg	✱	59	30 - 150	11	30
gamma-BHC (Lindane) (1C)	ND	H	3.57	3.13	J	ug/Kg	✱	88	30 - 150	5	30
Heptachlor (2C)	ND	*	3.62	3.51	J	ug/Kg	✱	97	30 - 150	3	30
Heptachlor epoxide (1C)	ND	H	3.57	3.87	J	ug/Kg	✱	108	30 - 150	3	30
Methoxychlor (2C)	ND	*	36.0	32.0	J	ug/Kg	✱	89	30 - 150	8	30
p,p'-DDD (1C)	ND	H	7.19	6.94	J	ug/Kg	✱	97	30 - 150	5	30
p,p'-DDE (1C)	3.2	J H	7.19	13.5		ug/Kg	✱	143	30 - 150	2	30
p,p'-DDT (1C)	19	H	7.19	25.4		ug/Kg	✱	87	30 - 150	1	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl (Surr) (1C)	114		30 - 150								
DCB Decachlorobiphenyl (Surr) (2C)	111		30 - 150								
Tetrachloro-m-xylene (Surr) (1C)	98		30 - 150								
Tetrachloro-m-xylene (Surr) (2C)	86		30 - 150								

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-43625/1-A

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		17	3.6	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1221 (2C)	ND		17	4.6	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1232 (2C)	ND		17	8.0	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1242 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1248 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1254 (2C)	ND		17	3.3	ug/Kg		09/14/20 17:30	09/15/20 15:21	1
PCB-1260 (2C)	ND		17	4.9	ug/Kg		09/14/20 17:30	09/15/20 15:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	104		30 - 150	09/14/20 17:30	09/15/20 15:21	1
DCB Decachlorobiphenyl (Surr) (2C)	101		30 - 150	09/14/20 17:30	09/15/20 15:21	1
Tetrachloro-m-xylene (1C)	80		30 - 150	09/14/20 17:30	09/15/20 15:21	1
Tetrachloro-m-xylene (2C)	70		30 - 150	09/14/20 17:30	09/15/20 15:21	1

Lab Sample ID: LCS 410-43625/2-A

Matrix: Solid

Analysis Batch: 44351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (2C)	167	147		ug/Kg		88	40 - 140
PCB-1260 (2C)	167	182		ug/Kg		109	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	132		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	124		30 - 150
Tetrachloro-m-xylene (1C)	105		30 - 150
Tetrachloro-m-xylene (2C)	92		30 - 150

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-42636/1-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/10/20 16:19	09/11/20 12:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	91		40 - 140	09/10/20 16:19	09/11/20 12:39	1
o-terphenyl (Surr)	85		40 - 140	09/10/20 16:19	09/11/20 12:39	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 410-42636/2-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42636

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total EPH (C9-C40)			145	116		mg/Kg		80	40 - 140		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
1-Chlorooctadecane (Surr)	72		40 - 140								
o- terphenyl (Surr)	81		40 - 140								

Lab Sample ID: LCSD 410-42636/3-A

Matrix: Solid

Analysis Batch: 42895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42636

Analysis Date: 4/26/09

Prep Date: 4/26/09

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	145	120		mg/Kg	-	83	40 - 140	3	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctadecane (Surr)	69		40 - 140						
o- terphenyl (Surr)	81		40 - 140						

Lab Sample ID: MB 410-44577/1-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44577

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/16/20 15:58	09/17/20 20:23	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctadecane (Surr)	93		40 - 140				09/16/20 15:58	09/17/20 20:23	1
o- terphenyl (Surr)	84		40 - 140				09/16/20 15:58	09/17/20 20:23	1

Lab Sample ID: LCS 410-44577/2-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44577

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Total EPH (C9-C40)			145	130		mg/Kg		90	40 - 140		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctadecane (Surr)	76		40 - 140								
o- terphenyl (Surr)	85		40 - 140								

Lab Sample ID: LCSD 410-44577/3-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44577

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Total EPH (C9-C40)	145	131		mg/Kg		91	40 - 140	1	25

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-44577/3-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44577

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr)	78		40 - 140
o-terphenyl (Surr)	86		40 - 140

Lab Sample ID: 410-13195-5 MS

Matrix: Solid

Analysis Batch: 46500

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 44577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total EPH (C9-C40)	390	F1	152	422	F1	mg/Kg	✱	18	40 - 140
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctadecane (Surr)	88		40 - 140						
o-terphenyl (Surr)	85		40 - 140						

Lab Sample ID: 410-13195-5 MSD

Matrix: Solid

Analysis Batch: 46500

Client Sample ID: S-1A

Prep Type: Total/NA

Prep Batch: 44577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Total EPH (C9-C40)	390	F1	153	404	F1	mg/Kg	✱	6	40 - 140	4	50
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctadecane (Surr)	86		40 - 140								
o-terphenyl (Surr)	83		40 - 140								

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-42631/1-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C16-C21 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C21-C40 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C9-C12 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	46		40 - 140				09/10/20 16:12	09/16/20 01:58	1

Lab Sample ID: MB 410-42631/1-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C16-C21 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
C21-C36 Aromatic (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 410-42631/1-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C12 Aromatics (1C)	ND		10	3.0	mg/Kg		09/10/20 16:12	09/16/20 01:58	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Bromonaphthalene (Surr) (1C)	77		40 - 140				09/10/20 16:12	09/16/20 01:58	1
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140				09/10/20 16:12	09/16/20 01:58	1
o-terphenyl (Surr) (1C)	68		40 - 140				09/10/20 16:12	09/16/20 01:58	1

Lab Sample ID: LCS 410-42631/2-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aliphatics (1C)	8.05	4.93	J	mg/Kg		61	40 - 140
C16-C21 Aliphatics (1C)	12.0	8.19	J	mg/Kg		68	40 - 140
C21-C40 Aliphatics (1C)	40.2	24.0		mg/Kg		60	40 - 140
C9-C12 Aliphatics (1C)	12.1	4.79	J	mg/Kg		40	40 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctadecane (Surr) (1C)	65		40 - 140				

Lab Sample ID: LCS 410-42631/2-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aromatics (1C)	12.0	5.99	J	mg/Kg		50	40 - 140
C16-C21 Aromatics (1C)	20.0	15.3		mg/Kg		77	40 - 140
C21-C36 Aromatic (1C)	32.1	20.0		mg/Kg		62	40 - 140
C10-C12 Aromatics (1C)	8.01	ND	*	mg/Kg		36	40 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
2-Bromonaphthalene (Surr) (1C)	70		40 - 140				
2-Fluorobiphenyl (Surr) (1C)	72		40 - 140				
o-terphenyl (Surr) (1C)	60		40 - 140				

Lab Sample ID: LCSD 410-42631/3-B

Matrix: Solid

Analysis Batch: 44200

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C12-C16 Aliphatics (1C)	8.05	5.75	J	mg/Kg		71	40 - 140	15	25
C16-C21 Aliphatics (1C)	12.0	8.87	J	mg/Kg		74	40 - 140	8	25
C21-C40 Aliphatics (1C)	40.2	25.8		mg/Kg		64	40 - 140	7	25
C9-C12 Aliphatics (1C)	12.1	6.96	J *1	mg/Kg		58	40 - 140	37	25
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctadecane (Surr) (1C)	72		40 - 140						

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-42631/3-C

Matrix: Solid

Analysis Batch: 44197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C12-C16 Aromatics (1C)	12.0	7.46	J	mg/Kg		62	40 - 140	22	25
C16-C21 Aromatics (1C)	20.0	17.0		mg/Kg		85	40 - 140	10	25
C21-C36 Aromatic (1C)	32.1	21.7		mg/Kg		68	40 - 140	8	25
C10-C12 Aromatics (1C)	8.01	4.29	J *1	mg/Kg		54	40 - 140	39	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	75		40 - 140
2-Fluorobiphenyl (Surr) (1C)	78		40 - 140
o-terphenyl (Surr) (1C)	66		40 - 140

Method: 537 IDA - EPA 537 Isotope Dilution

Lab Sample ID: MB 410-41568/1-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/08/20 08:51	09/08/20 23:16	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	91		11 - 138	09/08/20 08:51	09/08/20 23:16	1
13C4 PFHpA	87		15 - 139	09/08/20 08:51	09/08/20 23:16	1
13C8 PFOA	94		21 - 133	09/08/20 08:51	09/08/20 23:16	1
13C9 PFNA	96		15 - 145	09/08/20 08:51	09/08/20 23:16	1
13C6 PFDA	97		21 - 134	09/08/20 08:51	09/08/20 23:16	1
13C7 PFUnA	97		15 - 138	09/08/20 08:51	09/08/20 23:16	1
13C2-PFDoDA	97		28 - 126	09/08/20 08:51	09/08/20 23:16	1
13C2 PFTeDA	96		10 - 138	09/08/20 08:51	09/08/20 23:16	1
13C3 PFBS	94		23 - 130	09/08/20 08:51	09/08/20 23:16	1
13C3 PFHxS	86		24 - 136	09/08/20 08:51	09/08/20 23:16	1
13C8 PFOS	91		31 - 130	09/08/20 08:51	09/08/20 23:16	1

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	25.0	23.7		ng/g		95	61 - 147

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-41568/2-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanoic acid	25.0	24.5		ng/g		98	61 - 151
Perfluorooctanoic acid	25.0	22.1		ng/g		88	62 - 144
Perfluorononanoic acid	25.0	23.9		ng/g		95	62 - 148
Perfluorodecanoic acid	25.0	24.6		ng/g		99	62 - 142
Perfluorotridecanoic acid	25.0	27.0		ng/g		108	57 - 152
Perfluorotetradecanoic acid	25.0	25.5		ng/g		102	60 - 147
Perfluorobutanesulfonic acid	22.1	21.2		ng/g		96	62 - 137
Perfluorohexanesulfonic acid	23.6	20.2		ng/g		85	57 - 135
Perfluorooctanesulfonic acid	23.9	19.1		ng/g		80	48 - 134
Perfluoroundecanoic acid	25.0	25.9		ng/g		104	62 - 144
Perfluorododecanoic acid	25.0	25.8		ng/g		103	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	85		11 - 138
13C4 PFHpA	84		15 - 139
13C8 PFOA	88		21 - 133
13C9 PFNA	86		15 - 145
13C6 PFDA	88		21 - 134
13C7 PFUnA	88		15 - 138
13C2-PFDoDA	85		28 - 126
13C2 PFTeDA	90		10 - 138
13C3 PFBS	86		23 - 130
13C3 PFHxS	85		24 - 136
13C8 PFOS	90		31 - 130

Lab Sample ID: LCSD 410-41568/3-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	22.9		ng/g		92	61 - 147	4	30
Perfluoroheptanoic acid	25.0	25.1		ng/g		101	61 - 151	2	30
Perfluorooctanoic acid	25.0	22.5		ng/g		90	62 - 144	2	30
Perfluorononanoic acid	25.0	23.8		ng/g		95	62 - 148	0	30
Perfluorodecanoic acid	25.0	22.7		ng/g		91	62 - 142	8	30
Perfluorotridecanoic acid	25.0	25.9		ng/g		104	57 - 152	4	30
Perfluorotetradecanoic acid	25.0	25.2		ng/g		101	60 - 147	1	30
Perfluorobutanesulfonic acid	22.1	20.1		ng/g		91	62 - 137	5	30
Perfluorohexanesulfonic acid	23.6	20.9		ng/g		89	57 - 135	4	30
Perfluorooctanesulfonic acid	23.9	18.2		ng/g		76	48 - 134	5	30
Perfluoroundecanoic acid	25.0	24.6		ng/g		98	62 - 144	5	30
Perfluorododecanoic acid	25.0	24.6		ng/g		98	60 - 147	5	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	98		11 - 138
13C4 PFHpA	92		15 - 139
13C8 PFOA	99		21 - 133
13C9 PFNA	95		15 - 145
13C6 PFDA	100		21 - 134

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCSD 410-41568/3-B

Matrix: Solid

Analysis Batch: 41807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41568

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C7 PFUnA	99		15 - 138
13C2-PFDoDA	99		28 - 126
13C2 PFTeDA	98		10 - 138
13C3 PFBS	100		23 - 130
13C3 PFHxS	96		24 - 136
13C8 PFOS	100		31 - 130

Lab Sample ID: MB 410-41650/1-B

Matrix: Solid

Analysis Batch: 42112

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41650

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/08/20 11:18	09/09/20 19:06	1

Isotope Dilution	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFHxA	83		11 - 138	09/08/20 11:18	09/09/20 19:06	1
13C4 PFHpA	81		15 - 139	09/08/20 11:18	09/09/20 19:06	1
13C8 PFOA	87		21 - 133	09/08/20 11:18	09/09/20 19:06	1
13C9 PFNA	81		15 - 145	09/08/20 11:18	09/09/20 19:06	1
13C6 PFDA	83		21 - 134	09/08/20 11:18	09/09/20 19:06	1
13C7 PFUnA	89		15 - 138	09/08/20 11:18	09/09/20 19:06	1
13C2-PFDoDA	91		28 - 126	09/08/20 11:18	09/09/20 19:06	1
13C2 PFTeDA	87		10 - 138	09/08/20 11:18	09/09/20 19:06	1
13C3 PFBS	82		23 - 130	09/08/20 11:18	09/09/20 19:06	1
13C3 PFHxS	84		24 - 136	09/08/20 11:18	09/09/20 19:06	1
13C8 PFOS	84		31 - 130	09/08/20 11:18	09/09/20 19:06	1

Lab Sample ID: LCS 410-41650/2-B

Matrix: Solid

Analysis Batch: 42112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	25.0	26.1		ng/g		105	61 - 147
Perfluoroheptanoic acid	25.0	26.6		ng/g		106	61 - 151
Perfluorooctanoic acid	25.0	22.5		ng/g		90	62 - 144
Perfluorononanoic acid	25.0	23.4		ng/g		93	62 - 148
Perfluorodecanoic acid	25.0	21.7		ng/g		87	62 - 142
Perfluorotridecanoic acid	25.0	25.6		ng/g		102	57 - 152

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-41650/2-B

Matrix: Solid

Analysis Batch: 42112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotetradecanoic acid	25.0	26.2		ng/g		105	60 - 147
Perfluorobutanesulfonic acid	22.1	21.4		ng/g		97	62 - 137
Perfluorohexanesulfonic acid	23.6	21.6		ng/g		91	57 - 135
Perfluorooctanesulfonic acid	23.9	20.4		ng/g		85	48 - 134
Perfluoroundecanoic acid	25.0	23.8		ng/g		95	62 - 144
Perfluorododecanoic acid	25.0	24.8		ng/g		99	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	81		11 - 138
13C4 PFHpA	82		15 - 139
13C8 PFOA	85		21 - 133
13C9 PFNA	76		15 - 145
13C6 PFDA	87		21 - 134
13C7 PFUnA	94		15 - 138
13C2-PFDoDA	94		28 - 126
13C2 PFTeDA	88		10 - 138
13C3 PFBS	87		23 - 130
13C3 PFHxS	82		24 - 136
13C8 PFOS	81		31 - 130

Lab Sample ID: LCSD 410-41650/3-B

Matrix: Solid

Analysis Batch: 42112

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	24.7		ng/g		99	61 - 147	6	30
Perfluoroheptanoic acid	25.0	27.0		ng/g		108	61 - 151	2	30
Perfluorooctanoic acid	25.0	21.5		ng/g		86	62 - 144	4	30
Perfluorononanoic acid	25.0	24.7		ng/g		99	62 - 148	6	30
Perfluorodecanoic acid	25.0	21.8		ng/g		87	62 - 142	1	30
Perfluorotridecanoic acid	25.0	26.5		ng/g		106	57 - 152	4	30
Perfluorotetradecanoic acid	25.0	26.0		ng/g		104	60 - 147	1	30
Perfluorobutanesulfonic acid	22.1	20.4		ng/g		92	62 - 137	5	30
Perfluorohexanesulfonic acid	23.6	21.5		ng/g		91	57 - 135	1	30
Perfluorooctanesulfonic acid	23.9	19.8		ng/g		83	48 - 134	3	30
Perfluoroundecanoic acid	25.0	24.6		ng/g		99	62 - 144	4	30
Perfluorododecanoic acid	25.0	26.6		ng/g		107	60 - 147	7	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	79		11 - 138
13C4 PFHpA	77		15 - 139
13C8 PFOA	83		21 - 133
13C9 PFNA	73		15 - 145
13C6 PFDA	85		21 - 134
13C7 PFUnA	79		15 - 138
13C2-PFDoDA	79		28 - 126
13C2 PFTeDA	80		10 - 138
13C3 PFBS	77		23 - 130
13C3 PFHxS	80		24 - 136

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCSD 410-41650/3-B

Matrix: Solid

Analysis Batch: 42112

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41650

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C8 PFOS	80		31 - 130

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Lab Sample ID: MB 410-41754/1-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41754

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/08/20 17:07	09/10/20 21:07	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	78		45 - 135				09/08/20 17:07	09/10/20 21:07	1
13C2-PFDoDA	91		20 - 148				09/08/20 17:07	09/10/20 21:07	1
13C4 PFHpA	83		34 - 143				09/08/20 17:07	09/10/20 21:07	1
13C3 PFHxS	85		38 - 144				09/08/20 17:07	09/10/20 21:07	1
13C5 PFHxA	82		30 - 143				09/08/20 17:07	09/10/20 21:07	1
13C9 PFNA	76		36 - 151				09/08/20 17:07	09/10/20 21:07	1
13C8 PFOA	84		37 - 141				09/08/20 17:07	09/10/20 21:07	1
13C2 PFTeDA	78		10 - 158				09/08/20 17:07	09/10/20 21:07	1
13C7 PFUnA	82		33 - 148				09/08/20 17:07	09/10/20 21:07	1
13C3 PFBS	77		11 - 191				09/08/20 17:07	09/10/20 21:07	1
13C8 PFOS	83		42 - 136				09/08/20 17:07	09/10/20 21:07	1

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid	22.6	21.8		ng/L		96	70 - 130
Perfluorodecanoic acid	25.6	24.1		ng/L		94	70 - 130
Perfluorododecanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130
Perfluorohexanesulfonic acid	24.2	20.8		ng/L		86	70 - 130
Perfluorohexanoic acid	25.6	25.5		ng/L		99	70 - 130
Perfluorononanoic acid	25.6	24.0		ng/L		94	70 - 130
Perfluorooctanesulfonic acid	24.5	20.1		ng/L		82	70 - 130
Perfluorooctanoic acid	25.6	22.9		ng/L		89	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LCS 410-41754/2-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotetradecanoic acid	25.6	26.3		ng/L		103	70 - 130
Perfluorotridecanoic acid	25.6	23.5		ng/L		92	70 - 130
Perfluoroundecanoic acid	25.6	25.4		ng/L		99	70 - 130
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
13C6 PFDA	87		45 - 135				
13C2-PFDoDA	96		20 - 148				
13C4 PFHpA	88		34 - 143				
13C3 PFHxS	86		38 - 144				
13C5 PFHxA	85		30 - 143				
13C9 PFNA	79		36 - 151				
13C8 PFOA	92		37 - 141				
13C2 PFTeDA	88		10 - 158				
13C7 PFUnA	86		33 - 148				
13C3 PFBS	81		11 - 191				
13C8 PFOS	87		42 - 136				

Lab Sample ID: LCSD 410-41754/3-A

Matrix: Water

Analysis Batch: 42549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41754

Top Data: 11/10/19									
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
							Limits	Limit	
Perfluorobutanesulfonic acid	22.6	21.4		ng/L		94	70 - 130	2	30
Perfluorodecanoic acid	25.6	23.2		ng/L		90	70 - 130	4	30
Perfluorododecanoic acid	25.6	25.3		ng/L		99	70 - 130	2	30
Perfluoroheptanoic acid	25.6	25.8		ng/L		101	70 - 130	0	30
Perfluorohexanesulfonic acid	24.2	21.9		ng/L		90	70 - 130	5	30
Perfluorohexanoic acid	25.6	25.1		ng/L		98	70 - 130	1	30
Perfluorononanoic acid	25.6	22.9		ng/L		89	70 - 130	5	30
Perfluorooctanesulfonic acid	24.5	21.2		ng/L		87	70 - 130	5	30
Perfluorooctanoic acid	25.6	24.9		ng/L		97	70 - 130	9	30
Perfluorotetradecanoic acid	25.6	26.7		ng/L		104	70 - 130	2	30
Perfluorotridecanoic acid	25.6	23.4		ng/L		91	70 - 130	0	30
Perfluoroundecanoic acid	25.6	26.2		ng/L		102	70 - 130	3	30
LCSD LCSD									
Isotope Dilution	%Recovery	Qualifier	Limits						
13C6 PFDA	92		45 - 135						
13C2-PFDoDA	99		20 - 148						
13C4 PFHpA	97		34 - 143						
13C3 PFHxS	95		38 - 144						
13C5 PFHxA	97		30 - 143						
13C9 PFNA	91		36 - 151						
13C8 PFOA	97		37 - 141						
13C2 PFTeDA	91		10 - 158						
13C7 PFUnA	92		33 - 148						
13C3 PFBS	92		11 - 191						
13C8 PFOS	91		42 - 136						

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-41766/1-A
Matrix: Solid
Analysis Batch: 43569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.7	1.6	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Aluminum	ND		19	10	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Arsenic	ND		2.8	1.1	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Barium	0.244	J	0.47	0.14	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Beryllium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Cadmium	ND		0.47	0.094	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Calcium	ND		19	11	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Chromium	ND		1.4	0.17	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Cobalt	ND		0.47	0.14	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Copper	ND		1.9	0.73	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Iron	ND		19	5.8	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Lead	ND		1.4	0.57	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Magnesium	ND		9.4	3.8	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Manganese	ND		0.94	0.49	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Nickel	ND		0.94	0.25	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Potassium	ND		28	19	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Selenium	ND		4.7	1.4	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Sodium	ND		94	44	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Thallium	ND		2.8	1.2	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Zinc	ND		1.9	0.94	mg/Kg		09/08/20 17:25	09/14/20 10:42	1
Vanadium	ND		0.94	0.41	mg/Kg		09/08/20 17:25	09/14/20 10:42	1

Lab Sample ID: MB 410-41766/1-A
Matrix: Solid
Analysis Batch: 44614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.94	0.38	mg/Kg		09/08/20 17:25	09/16/20 15:08	1

Lab Sample ID: LCS 410-41766/2-A
Matrix: Solid
Analysis Batch: 43569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	9.27	9.93		mg/Kg		107	80 - 120
Aluminum	36.8	37.4		mg/Kg		102	80 - 120
Arsenic	5.50	6.51		mg/Kg		118	80 - 120
Barium	0.917	0.988		mg/Kg		108	80 - 120
Beryllium	0.910	0.942		mg/Kg		103	80 - 120
Cadmium	0.914	0.972		mg/Kg		106	80 - 120
Calcium	36.7	39.4		mg/Kg		107	80 - 120
Chromium	2.75	2.89		mg/Kg		105	80 - 120
Cobalt	0.917	1.02		mg/Kg		111	80 - 120
Copper	3.66	3.95		mg/Kg		108	80 - 120
Iron	36.9	39.0		mg/Kg		106	80 - 120
Lead	2.75	2.95		mg/Kg		107	80 - 120
Magnesium	18.3	19.4		mg/Kg		106	80 - 120
Manganese	1.83	1.95		mg/Kg		107	80 - 120
Nickel	185	201		mg/Kg		109	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-41766/2-A
Matrix: Solid
Analysis Batch: 43569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	514	531		mg/Kg		103	80 - 120
Selenium	9.25	9.87		mg/Kg		107	80 - 120
Sodium	183	192		mg/Kg		104	80 - 120
Thallium	5.59	5.82		mg/Kg		104	80 - 120
Zinc	40.3	44.1		mg/Kg		109	80 - 120
Vanadium	1.83	1.80		mg/Kg		98	80 - 120

Lab Sample ID: LCS 410-41766/2-A
Matrix: Solid
Analysis Batch: 44614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.83	1.92		mg/Kg		105	80 - 120

Lab Sample ID: MB 410-43536/1-A
Matrix: Solid
Analysis Batch: 44590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43536

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Chromium	ND		0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:10	09/16/20 13:53	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 13:53	1

Lab Sample ID: LCS 410-43536/2-A
Matrix: Solid
Analysis Batch: 44590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0721		mg/L		120	80 - 120
Barium	0.0100	0.00939		mg/L		94	80 - 120
Cadmium	0.00996	0.0102		mg/L		102	80 - 120
Chromium	0.0300	0.0289		mg/L		96	80 - 120
Selenium	0.101	0.146 *		mg/L		145	80 - 120
Silver	0.0200	0.0201		mg/L		100	80 - 120

Lab Sample ID: MB 410-43544/1-A
Matrix: Solid
Analysis Batch: 44579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Chromium	0.00169	J	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:27	09/16/20 13:38	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-43544/1-A

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 13:38	1

Lab Sample ID: LCS 410-43544/2-A

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0651		mg/L		109	
Cadmium	0.00996	0.0101		mg/L		101	
Chromium	0.0300	0.0310		mg/L		103	
Selenium	0.101	0.115		mg/L		114	
Silver	0.0200	0.0221		mg/L		111	

Lab Sample ID: LCS 410-43544/2-A

Matrix: Solid

Analysis Batch: 45041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0100	0.00939		mg/L		94	
Lead	0.0300	0.0338		mg/L		113	

Lab Sample ID: MB 410-43984/1-A

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50	0.15	mg/Kg		09/15/20 11:05	09/16/20 10:01	1
Cadmium	ND		0.50	0.099	mg/Kg		09/15/20 11:05	09/16/20 10:01	1
Chromium	ND		1.5	0.18	mg/Kg		09/15/20 11:05	09/16/20 10:01	1
Lead	ND		1.5	0.59	mg/Kg		09/15/20 11:05	09/16/20 10:01	1
Selenium	1.60	J	5.0	1.5	mg/Kg		09/15/20 11:05	09/16/20 10:01	1
Silver	ND		0.99	0.40	mg/Kg		09/15/20 11:05	09/16/20 10:01	1

Lab Sample ID: MB 410-43984/1-A

Matrix: Solid

Analysis Batch: 45014

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.2	mg/Kg		09/15/20 11:05	09/17/20 14:09	1

Lab Sample ID: LCS 410-43984/2-A

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.990	1.09		mg/Kg		110	80 - 120
Cadmium	0.986	1.06		mg/Kg		108	80 - 120
Chromium	2.97	3.01		mg/Kg		101	80 - 120
Lead	2.97	3.18		mg/Kg		107	80 - 120
Selenium	9.98	11.4		mg/Kg		114	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-43984/2-A

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.98	2.09		mg/Kg		106	80 - 120

Lab Sample ID: LCS 410-43984/2-A

Matrix: Solid

Analysis Batch: 45014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.94	6.28		mg/Kg		106	80 - 120

Lab Sample ID: 410-13195-3 MS

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	240		1.04	283	4	mg/Kg	✱	4065	75 - 125
Cadmium	0.47	J	1.04	1.36		mg/Kg	✱	86	75 - 125
Chromium	48		3.12	55.1	4	mg/Kg	✱	211	75 - 125
Lead	21	F2	3.12	26.1	4	mg/Kg	✱	151	75 - 125
Selenium	2.1	J B	10.5	10.0		mg/Kg	✱	75	75 - 125
Silver	0.70	J	2.08	2.88		mg/Kg	✱	105	75 - 125

Lab Sample ID: 410-13195-3 MS

Matrix: Solid

Analysis Batch: 45014

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.2		6.25	12.1		mg/Kg	✱	94	75 - 125

Lab Sample ID: 410-13195-3 MSD

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	240		1.07	270	4	mg/Kg	✱	2808	75 - 125	4	20
Cadmium	0.47	J	1.07	1.40		mg/Kg	✱	87	75 - 125	3	20
Chromium	48		3.21	53.1	4	mg/Kg	✱	145	75 - 125	4	20
Lead	21	F2	3.21	32.6	4 F2	mg/Kg	✱	348	75 - 125	22	20
Selenium	2.1	J B	10.8	10.4		mg/Kg	✱	76	75 - 125	3	20
Silver	0.70	J	2.14	2.79		mg/Kg	✱	98	75 - 125	3	20

Lab Sample ID: 410-13195-3 MSD

Matrix: Solid

Analysis Batch: 45014

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.2		6.43	12.0		mg/Kg	✱	90	75 - 125	0	20

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13195-3 DU

Matrix: Solid

Analysis Batch: 44487

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Barium	240		287		mg/Kg	✱	18	20
Cadmium	0.47	J	0.434	J	mg/Kg	✱	8	20
Chromium	48		47.4		mg/Kg	✱	2	20
Lead	21	F2	22.8		mg/Kg	✱	6	20
Selenium	2.1	J B	ND		mg/Kg	✱	NC	20
Silver	0.70	J	0.658	J	mg/Kg	✱	7	20

Lab Sample ID: 410-13195-3 DU

Matrix: Solid

Analysis Batch: 45014

Client Sample ID: GW-4A

Prep Type: Total/NA

Prep Batch: 43984

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	6.2		5.21		mg/Kg	✱	18	20

Lab Sample ID: 410-13195-4 MS

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		5.01	5.16		mg/L		103	
Cadmium	ND		0.999	0.966		mg/L		97	
Chromium	0.0035	J B	5.00	4.62		mg/L		92	
Selenium	ND		1.00	1.04		mg/L		104	
Silver	ND		4.99	1.90		mg/L		38	

Lab Sample ID: 410-13195-4 MS

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.91		100	101		mg/L		100	

Lab Sample ID: 410-13195-4 MS

Matrix: Solid

Analysis Batch: 45041

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.094		5.00	4.77		mg/L		93	

Lab Sample ID: 410-13195-4 MSD

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		5.01	5.24		mg/L		105		1	
Cadmium	ND		0.999	0.981		mg/L		98		2	
Chromium	0.0035	J B	5.00	4.76		mg/L		95		3	
Selenium	ND		1.00	1.03		mg/L		103		1	
Silver	ND		4.99	2.54		mg/L		51		29	

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13195-4 MSD

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.91		100	104		mg/L		104		4	

Lab Sample ID: 410-13195-4 MSD

Matrix: Solid

Analysis Batch: 45041

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.094		5.00	4.81		mg/L		94		1	

Lab Sample ID: 410-13195-4 DU

Matrix: Solid

Analysis Batch: 44579

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	ND		ND		mg/L		NC	
Barium	0.91		0.878		mg/L		3	
Cadmium	ND		ND		mg/L		NC	
Chromium	0.0035	J B	0.00350	J	mg/L		0.8	
Selenium	ND		ND		mg/L		NC	
Silver	ND		ND		mg/L		NC	

Lab Sample ID: 410-13195-4 DU

Matrix: Solid

Analysis Batch: 45041

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43544

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.094		0.0819		mg/L		14	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-43557/1-A

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 19:52	1

Lab Sample ID: LCS 410-43557/2-A

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.16		ug/L		116	80 - 120

Lab Sample ID: MB 410-43562/1-A

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 21:36	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-43562/2-A

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: 410-13195-4 MS

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43562

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		20.0	18.5		ug/L		93	75 - 125

Lab Sample ID: 410-13195-4 MSD

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43562

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		20.0	16.1		ug/L		81	75 - 125	14	20

Lab Sample ID: 410-13195-4 DU

Matrix: Solid

Analysis Batch: 43758

Client Sample ID: GW-4B

Prep Type: TCLP

Prep Batch: 43562

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	ND		ND		ug/L		NC	30

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-43995/1-A

Matrix: Solid

Analysis Batch: 45072

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.058	0.024	mg/Kg		09/15/20 11:19	09/17/20 15:51	1

Lab Sample ID: LCS 410-43995/2-A

Matrix: Solid

Analysis Batch: 45072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.189		mg/Kg		114	80 - 120

Lab Sample ID: 410-13195-1 MS

Matrix: Solid

Analysis Batch: 45072

Client Sample ID: GW-3A

Prep Type: Total/NA

Prep Batch: 43995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND	F1	0.180	0.219		mg/Kg	☆	121	75 - 125

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 410-13195-1 MSD

Matrix: Solid

Analysis Batch: 45072

Client Sample ID: GW-3A

Prep Type: Total/NA

Prep Batch: 43995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	F1	0.183	0.231	F1	mg/Kg	✱	126	75 - 125	5	35

Lab Sample ID: 410-13195-1 DU

Matrix: Solid

Analysis Batch: 45072

Client Sample ID: GW-3A

Prep Type: Total/NA

Prep Batch: 43995

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND	F1	ND		mg/Kg	✱	NC	50

Lab Sample ID: MB 410-44760/1-A

Matrix: Solid

Analysis Batch: 45150

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.059	0.025	mg/Kg		09/17/20 04:38	09/17/20 17:55	1

Lab Sample ID: LCS 410-44760/2-A

Matrix: Solid

Analysis Batch: 45150

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.187		mg/Kg		112	80 - 120

Lab Sample ID: LCSD 410-44760/3-A

Matrix: Solid

Analysis Batch: 45150

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44760

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.161	0.177		mg/Kg		110	80 - 120	5	35

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 410-43522/1

Matrix: Solid

Analysis Batch: 43522

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	83.00		Degrees F		102	96.9 - 103.1

Lab Sample ID: LCSD 410-43522/2

Matrix: Solid

Analysis Batch: 43522

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	81.0	82.00		Degrees F		101	96.9 - 103.1	1	4

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 410-44856/1-A
Matrix: Solid
Analysis Batch: 45193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:31	1

Lab Sample ID: LCS 410-44856/2-A
Matrix: Solid
Analysis Batch: 45193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		4	0 - 5.14

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: LCS 410-44561/1-A
Matrix: Solid
Analysis Batch: 44728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	10.0	10.4		mg/Kg		104	90 - 110

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 410-44856/1-A
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/17/20 08:30	09/17/20 12:22	1

Lab Sample ID: LCS 410-44856/25-A
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	466		mg/Kg		87	56 - 104

Lab Sample ID: MB 410-46352/1-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/22/20 08:17	09/22/20 12:11	1

Lab Sample ID: LCS 410-46352/25-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	441		mg/Kg		82	56 - 104

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method: 9045D - pH

Lab Sample ID: LCS 410-43200/1-A
Matrix: Solid
Analysis Batch: 43221

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		S.U.		101	95 - 105

Lab Sample ID: LCS 410-43210/1-A
Matrix: Solid
Analysis Batch: 43242

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		S.U.		101	95 - 105

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC/MS VOA

Prep Batch: 41395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	5035	
410-13195-2	GW-3B	Total/NA	Solid	5035	
410-13195-3	GW-4A	Total/NA	Solid	5035	
410-13195-4	GW-4B	Total/NA	Solid	5035	
410-13195-5 - RA	S-1A	Total/NA	Solid	5035	
410-13195-5	S-1A	Total/NA	Solid	5035	
410-13195-6	S-1B	Total/NA	Solid	5035	
410-13195-7	S-2A	Total/NA	Solid	5035	
410-13195-8	S-2B	Total/NA	Solid	5035	
410-13195-9	S-3A	Total/NA	Solid	5035	
410-13195-10	S-3B	Total/NA	Solid	5035	
410-13195-11	S-6A	Total/NA	Solid	5035	
410-13195-12	S-6B	Total/NA	Solid	5035	

Analysis Batch: 42829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	8260C	41395
410-13195-2	GW-3B	Total/NA	Solid	8260C	41395
410-13195-3	GW-4A	Total/NA	Solid	8260C	41395
410-13195-4	GW-4B	Total/NA	Solid	8260C	41395
410-13195-5	S-1A	Total/NA	Solid	8260C	41395
410-13195-5 - RA	S-1A	Total/NA	Solid	8260C	41395
410-13195-6	S-1B	Total/NA	Solid	8260C	41395
410-13195-7	S-2A	Total/NA	Solid	8260C	41395
410-13195-8	S-2B	Total/NA	Solid	8260C	41395
410-13195-9	S-3A	Total/NA	Solid	8260C	41395
410-13195-10	S-3B	Total/NA	Solid	8260C	41395
MB 410-42829/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-42829/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-42829/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 43332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-11	S-6A	Total/NA	Solid	8260C	41395
410-13195-12	S-6B	Total/NA	Solid	8260C	41395
MB 410-43332/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-43332/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-43332/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 45156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-15	TB-3	Total/NA	Water	8260C	
MB 410-45156/7	Method Blank	Total/NA	Water	8260C	
LCS 410-45156/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-45156/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 43624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3546	

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QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC/MS Semi VOA (Continued)

Prep Batch: 43624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-2	GW-3B	Total/NA	Solid	3546	
410-13195-3	GW-4A	Total/NA	Solid	3546	
410-13195-4	GW-4B	Total/NA	Solid	3546	
410-13195-5	S-1A	Total/NA	Solid	3546	
410-13195-6	S-1B	Total/NA	Solid	3546	
410-13195-7	S-2A	Total/NA	Solid	3546	
MB 410-43624/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43624/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 43825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-9	S-3A	Total/NA	Solid	3546	
410-13195-10	S-3B	Total/NA	Solid	3546	
410-13195-11	S-6A	Total/NA	Solid	3546	
410-13195-12	S-6B	Total/NA	Solid	3546	
MB 410-43825/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43825/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13195-9 MS	S-3A	Total/NA	Solid	3546	
410-13195-9 MSD	S-3A	Total/NA	Solid	3546	

Analysis Batch: 43973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-9	S-3A	Total/NA	Solid	8270D	43825
410-13195-10	S-3B	Total/NA	Solid	8270D	43825
410-13195-11	S-6A	Total/NA	Solid	8270D	43825
410-13195-12	S-6B	Total/NA	Solid	8270D	43825
MB 410-43825/1-A	Method Blank	Total/NA	Solid	8270D	43825
LCS 410-43825/2-A	Lab Control Sample	Total/NA	Solid	8270D	43825
410-13195-9 MS	S-3A	Total/NA	Solid	8270D	43825
410-13195-9 MSD	S-3A	Total/NA	Solid	8270D	43825

Analysis Batch: 43975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	8270D	43624
410-13195-2	GW-3B	Total/NA	Solid	8270D	43624
410-13195-3	GW-4A	Total/NA	Solid	8270D	43624
MB 410-43624/1-A	Method Blank	Total/NA	Solid	8270D	43624
LCS 410-43624/2-A	Lab Control Sample	Total/NA	Solid	8270D	43624

Prep Batch: 44300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	3546	
MB 410-44300/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44300/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 44309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	Total/NA	Solid	8270D	43624
410-13195-5	S-1A	Total/NA	Solid	8270D	43624
410-13195-6	S-1B	Total/NA	Solid	8270D	43624
410-13195-7	S-2A	Total/NA	Solid	8270D	43624

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC/MS Semi VOA

Analysis Batch: 44607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	8270D	44300
MB 410-44300/1-A	Method Blank	Total/NA	Solid	8270D	44300
LCS 410-44300/2-A	Lab Control Sample	Total/NA	Solid	8270D	44300

GC VOA

Prep Batch: 41983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	5030C	
410-13195-4	GW-4B	Total/NA	Solid	5030C	

Analysis Batch: 42185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	8015D	41983
410-13195-4	GW-4B	Total/NA	Solid	8015D	41983
MB 410-42185/4	Method Blank	Total/NA	Solid	8015D	
LCS 410-42185/5	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-42185/6	Lab Control Sample Dup	Total/NA	Solid	8015D	

Leach Batch: 43945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-11	S-6A	Total/NA	Solid	DI Leach	
410-13195-12	S-6B	Total/NA	Solid	DI Leach	
MB 410-43945/1-A	Method Blank	Total/NA	Solid	DI Leach	
LCS 410-43945/2-A	Lab Control Sample	Total/NA	Solid	DI Leach	

Analysis Batch: 44022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-11	S-6A	Total/NA	Solid	8015D	43945
410-13195-12	S-6B	Total/NA	Solid	8015D	43945
MB 410-43945/1-A	Method Blank	Total/NA	Solid	8015D	43945
LCS 410-43945/2-A	Lab Control Sample	Total/NA	Solid	8015D	43945

GC Semi VOA

Prep Batch: 42631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3546	
410-13195-2	GW-3B	Total/NA	Solid	3546	
MB 410-42631/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-42631/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 42636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3546	
410-13195-2	GW-3B	Total/NA	Solid	3546	
MB 410-42636/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42636/2-A	Lab Control Sample	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC Semi VOA (Continued)

Prep Batch: 42636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-42636/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 42838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	3546	
410-13195-4	GW-4B	Total/NA	Solid	3546	
MB 410-42838/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-42838/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 42895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	NJ EPH	42636
410-13195-2	GW-3B	Total/NA	Solid	NJ EPH	42636
MB 410-42636/1-A	Method Blank	Total/NA	Solid	NJ EPH	42636
LCS 410-42636/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	42636
LCSD 410-42636/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	42636

Analysis Batch: 43130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	Total/NA	Solid	8015D	42838
MB 410-42838/1-A	Method Blank	Total/NA	Solid	8015D	42838
LCS 410-42838/2-A	Lab Control Sample	Total/NA	Solid	8015D	42838

Cleanup Batch: 43413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3630C	42631
410-13195-1	GW-3A	Total/NA	Solid	3630C	42631
410-13195-2	GW-3B	Total/NA	Solid	3630C	42631
410-13195-2	GW-3B	Total/NA	Solid	3630C	42631
MB 410-42631/1-B	Method Blank	Total/NA	Solid	3630C	42631
MB 410-42631/1-C	Method Blank	Total/NA	Solid	3630C	42631
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	3630C	42631
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	3630C	42631
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	42631
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	42631

Prep Batch: 43625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3546	
410-13195-2	GW-3B	Total/NA	Solid	3546	
410-13195-3	GW-4A	Total/NA	Solid	3546	
410-13195-4	GW-4B	Total/NA	Solid	3546	
410-13195-5	S-1A	Total/NA	Solid	3546	
410-13195-6	S-1B	Total/NA	Solid	3546	
410-13195-7	S-2A	Total/NA	Solid	3546	
410-13195-8	S-2B	Total/NA	Solid	3546	
410-13195-9	S-3A	Total/NA	Solid	3546	
410-13195-10	S-3B	Total/NA	Solid	3546	
MB 410-43625/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43625/2-A	Lab Control Sample	Total/NA	Solid	3546	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC Semi VOA

Prep Batch: 43626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	3546	
410-13195-6	S-1B	Total/NA	Solid	3546	
410-13195-7	S-2A	Total/NA	Solid	3546	
410-13195-8	S-2B	Total/NA	Solid	3546	
410-13195-9	S-3A	Total/NA	Solid	3546	
410-13195-10	S-3B	Total/NA	Solid	3546	
MB 410-43626/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43626/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13195-5 MS	S-1A	Total/NA	Solid	3546	
410-13195-5 MSD	S-1A	Total/NA	Solid	3546	

Analysis Batch: 44197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	NJDEP EPH	43413
410-13195-2	GW-3B	Total/NA	Solid	NJDEP EPH	43413
MB 410-42631/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	43413
LCS 410-42631/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43413
LCSD 410-42631/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43413

Analysis Batch: 44200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	NJDEP EPH	43413
410-13195-2	GW-3B	Total/NA	Solid	NJDEP EPH	43413
MB 410-42631/1-B	Method Blank	Total/NA	Solid	NJDEP EPH	43413
LCS 410-42631/2-B	Lab Control Sample	Total/NA	Solid	NJDEP EPH	43413
LCSD 410-42631/3-B	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	43413

Analysis Batch: 44214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	8015D	42838

Analysis Batch: 44351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	8082A	43625
410-13195-2	GW-3B	Total/NA	Solid	8082A	43625
410-13195-3	GW-4A	Total/NA	Solid	8082A	43625
410-13195-4	GW-4B	Total/NA	Solid	8082A	43625
410-13195-5	S-1A	Total/NA	Solid	8082A	43625
410-13195-6	S-1B	Total/NA	Solid	8082A	43625
410-13195-7	S-2A	Total/NA	Solid	8082A	43625
410-13195-8	S-2B	Total/NA	Solid	8082A	43625
410-13195-9	S-3A	Total/NA	Solid	8082A	43625
410-13195-10	S-3B	Total/NA	Solid	8082A	43625
MB 410-43625/1-A	Method Blank	Total/NA	Solid	8082A	43625
LCS 410-43625/2-A	Lab Control Sample	Total/NA	Solid	8082A	43625

Prep Batch: 44577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	3546	
410-13195-6	S-1B	Total/NA	Solid	3546	
410-13195-7	S-2A	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC Semi VOA (Continued)

Prep Batch: 44577 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	3546	
410-13195-9	S-3A	Total/NA	Solid	3546	
410-13195-10	S-3B	Total/NA	Solid	3546	
MB 410-44577/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13195-5 MS	S-1A	Total/NA	Solid	3546	
410-13195-5 MSD	S-1A	Total/NA	Solid	3546	

Analysis Batch: 44809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	8081B	43626
410-13195-9	S-3A	Total/NA	Solid	8081B	43626
MB 410-43626/1-A	Method Blank	Total/NA	Solid	8081B	43626

Analysis Batch: 44923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-10	S-3B	Total/NA	Solid	NJ EPH	44577
MB 410-44577/1-A	Method Blank	Total/NA	Solid	NJ EPH	44577
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	44577
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	44577

Analysis Batch: 45185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	8081B	43626
410-13195-6	S-1B	Total/NA	Solid	8081B	43626
410-13195-7	S-2A	Total/NA	Solid	8081B	43626
410-13195-10	S-3B	Total/NA	Solid	8081B	43626
LCS 410-43626/2-A	Lab Control Sample	Total/NA	Solid	8081B	43626
LCS 410-43626/2-A	Lab Control Sample	Total/NA	Solid	8081B	43626
410-13195-5 MS	S-1A	Total/NA	Solid	8081B	43626
410-13195-5 MSD	S-1A	Total/NA	Solid	8081B	43626

Analysis Batch: 46500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	NJ EPH	44577
410-13195-6	S-1B	Total/NA	Solid	NJ EPH	44577
410-13195-7	S-2A	Total/NA	Solid	NJ EPH	44577
410-13195-8	S-2B	Total/NA	Solid	NJ EPH	44577
410-13195-9	S-3A	Total/NA	Solid	NJ EPH	44577
410-13195-5 MS	S-1A	Total/NA	Solid	NJ EPH	44577
410-13195-5 MSD	S-1A	Total/NA	Solid	NJ EPH	44577

Prep Batch: 47335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1 - RE	GW-3A	Total/NA	Solid	3546	
410-13195-2 - RE	GW-3B	Total/NA	Solid	3546	
MB 410-47335/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

GC Semi VOA

Analysis Batch: 47350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-6	S-1B	Total/NA	Solid	8081B	43626
410-13195-5 MS	S-1A	Total/NA	Solid	8081B	43626
410-13195-5 MSD	S-1A	Total/NA	Solid	8081B	43626

Cleanup Batch: 48734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1 - RE	GW-3A	Total/NA	Solid	3630C	47335
410-13195-2 - RE	GW-3B	Total/NA	Solid	3630C	47335
MB 410-47335/1-C	Method Blank	Total/NA	Solid	3630C	47335
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	3630C	47335
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	47335

Analysis Batch: 49925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1 - RE	GW-3A	Total/NA	Solid	NJDEP EPH	48734
410-13195-2 - RE	GW-3B	Total/NA	Solid	NJDEP EPH	48734
MB 410-47335/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	48734
LCS 410-47335/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	48734
LCSD 410-47335/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	48734

LCMS

Prep Batch: 41568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	537 (mod)	
410-13195-2	GW-3B	Total/NA	Solid	537 (mod)	
410-13195-3	GW-4A	Total/NA	Solid	537 (mod)	
410-13195-4	GW-4B	Total/NA	Solid	537 (mod)	
410-13195-5	S-1A	Total/NA	Solid	537 (mod)	
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 (mod)	
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 (mod)	
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 (mod)	

Cleanup Batch: 41642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	Extract Aliquot	41568
410-13195-2	GW-3B	Total/NA	Solid	Extract Aliquot	41568
410-13195-3	GW-4A	Total/NA	Solid	Extract Aliquot	41568
410-13195-4	GW-4B	Total/NA	Solid	Extract Aliquot	41568
410-13195-5	S-1A	Total/NA	Solid	Extract Aliquot	41568
MB 410-41568/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	41568
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	41568
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	41568

Prep Batch: 41650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-6	S-1B	Total/NA	Solid	537 (mod)	
410-13195-9	S-3A	Total/NA	Solid	537 (mod)	
410-13195-10	S-3B	Total/NA	Solid	537 (mod)	
410-13195-11	S-6A	Total/NA	Solid	537 (mod)	
410-13195-12	S-6B	Total/NA	Solid	537 (mod)	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

LCMS (Continued)

Prep Batch: 41650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-41650/1-B	Method Blank	Total/NA	Solid	537 (mod)	
LCS 410-41650/2-B	Lab Control Sample	Total/NA	Solid	537 (mod)	
LCSD 410-41650/3-B	Lab Control Sample Dup	Total/NA	Solid	537 (mod)	

Cleanup Batch: 41653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-6	S-1B	Total/NA	Solid	Extract Aliquot	41650
410-13195-9	S-3A	Total/NA	Solid	Extract Aliquot	41650
410-13195-10	S-3B	Total/NA	Solid	Extract Aliquot	41650
410-13195-11	S-6A	Total/NA	Solid	Extract Aliquot	41650
410-13195-12	S-6B	Total/NA	Solid	Extract Aliquot	41650
MB 410-41650/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	41650
LCS 410-41650/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	41650
LCSD 410-41650/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	41650

Prep Batch: 41754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-13	FB-3	Total/NA	Water	537 IDA	
410-13195-14	RB-3	Total/NA	Water	537 IDA	
MB 410-41754/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	537 IDA	
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	

Analysis Batch: 41807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	537 IDA	41642
410-13195-2	GW-3B	Total/NA	Solid	537 IDA	41642
410-13195-3	GW-4A	Total/NA	Solid	537 IDA	41642
410-13195-4	GW-4B	Total/NA	Solid	537 IDA	41642
410-13195-5	S-1A	Total/NA	Solid	537 IDA	41642
MB 410-41568/1-B	Method Blank	Total/NA	Solid	537 IDA	41642
LCS 410-41568/2-B	Lab Control Sample	Total/NA	Solid	537 IDA	41642
LCSD 410-41568/3-B	Lab Control Sample Dup	Total/NA	Solid	537 IDA	41642

Analysis Batch: 42112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-6	S-1B	Total/NA	Solid	537 IDA	41653
410-13195-9	S-3A	Total/NA	Solid	537 IDA	41653
410-13195-10	S-3B	Total/NA	Solid	537 IDA	41653
410-13195-11	S-6A	Total/NA	Solid	537 IDA	41653
410-13195-12	S-6B	Total/NA	Solid	537 IDA	41653
MB 410-41650/1-B	Method Blank	Total/NA	Solid	537 IDA	41653
LCS 410-41650/2-B	Lab Control Sample	Total/NA	Solid	537 IDA	41653
LCSD 410-41650/3-B	Lab Control Sample Dup	Total/NA	Solid	537 IDA	41653

Analysis Batch: 42549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-13	FB-3	Total/NA	Water	T-WI21398 ver4	41754
410-13195-14	RB-3	Total/NA	Water	T-WI21398 ver4	41754
MB 410-41754/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	41754
LCS 410-41754/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	41754

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

LCMS (Continued)

Analysis Batch: 42549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-41754/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	41754

Metals

Prep Batch: 41766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	3050B	
410-13195-2	GW-3B	Total/NA	Solid	3050B	
410-13195-5	S-1A	Total/NA	Solid	3050B	
410-13195-6	S-1B	Total/NA	Solid	3050B	
410-13195-7	S-2A	Total/NA	Solid	3050B	
410-13195-8	S-2B	Total/NA	Solid	3050B	
410-13195-9	S-3A	Total/NA	Solid	3050B	
410-13195-10	S-3B	Total/NA	Solid	3050B	
410-13195-11	S-6A	Total/NA	Solid	3050B	
410-13195-12	S-6B	Total/NA	Solid	3050B	
MB 410-41766/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 42022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	1311	
410-13195-4	GW-4B	TCLP	Solid	1311	
410-13195-4 MS	GW-4B	TCLP	Solid	1311	
410-13195-4 MSD	GW-4B	TCLP	Solid	1311	
410-13195-4 DU	GW-4B	TCLP	Solid	1311	

Prep Batch: 43536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	3010A	42022
MB 410-43536/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 43544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	TCLP	Solid	3010A	42022
MB 410-43544/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	3010A	
410-13195-4 MS	GW-4B	TCLP	Solid	3010A	42022
410-13195-4 MSD	GW-4B	TCLP	Solid	3010A	42022
410-13195-4 DU	GW-4B	TCLP	Solid	3010A	42022

Prep Batch: 43557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	7470A	42022
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 43562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	TCLP	Solid	7470A	42022

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Metals (Continued)

Prep Batch: 43562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	
410-13195-4 MS	GW-4B	TCLP	Solid	7470A	42022
410-13195-4 MSD	GW-4B	TCLP	Solid	7470A	42022
410-13195-4 DU	GW-4B	TCLP	Solid	7470A	42022

Analysis Batch: 43569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	6010D	41766
410-13195-2	GW-3B	Total/NA	Solid	6010D	41766
410-13195-5	S-1A	Total/NA	Solid	6010D	41766
410-13195-6	S-1B	Total/NA	Solid	6010D	41766
410-13195-7	S-2A	Total/NA	Solid	6010D	41766
410-13195-8	S-2B	Total/NA	Solid	6010D	41766
410-13195-9	S-3A	Total/NA	Solid	6010D	41766
410-13195-10	S-3B	Total/NA	Solid	6010D	41766
410-13195-11	S-6A	Total/NA	Solid	6010D	41766
410-13195-12	S-6B	Total/NA	Solid	6010D	41766
MB 410-41766/1-A	Method Blank	Total/NA	Solid	6010D	41766
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	6010D	41766

Analysis Batch: 43758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	7470A	43557
410-13195-4	GW-4B	TCLP	Solid	7470A	43562
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	43557
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	43562
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	43557
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	43562
410-13195-4 MS	GW-4B	TCLP	Solid	7470A	43562
410-13195-4 MSD	GW-4B	TCLP	Solid	7470A	43562
410-13195-4 DU	GW-4B	TCLP	Solid	7470A	43562

Prep Batch: 43984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	3050B	
410-13195-4	GW-4B	Total/NA	Solid	3050B	
MB 410-43984/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-43984/2-A	Lab Control Sample	Total/NA	Solid	3050B	
410-13195-3 MS	GW-4A	Total/NA	Solid	3050B	
410-13195-3 MSD	GW-4A	Total/NA	Solid	3050B	
410-13195-3 DU	GW-4A	Total/NA	Solid	3050B	

Prep Batch: 43995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	7471B	
410-13195-2	GW-3B	Total/NA	Solid	7471B	
410-13195-3	GW-4A	Total/NA	Solid	7471B	
410-13195-4	GW-4B	Total/NA	Solid	7471B	
410-13195-5	S-1A	Total/NA	Solid	7471B	
410-13195-6	S-1B	Total/NA	Solid	7471B	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Metals (Continued)

Prep Batch: 43995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-7	S-2A	Total/NA	Solid	7471B	
410-13195-9	S-3A	Total/NA	Solid	7471B	
410-13195-10	S-3B	Total/NA	Solid	7471B	
410-13195-11	S-6A	Total/NA	Solid	7471B	
410-13195-12	S-6B	Total/NA	Solid	7471B	
MB 410-43995/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-43995/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-13195-1 MS	GW-3A	Total/NA	Solid	7471B	
410-13195-1 MSD	GW-3A	Total/NA	Solid	7471B	
410-13195-1 DU	GW-3A	Total/NA	Solid	7471B	

Analysis Batch: 44487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	6010D	43984
410-13195-4	GW-4B	Total/NA	Solid	6010D	43984
MB 410-43984/1-A	Method Blank	Total/NA	Solid	6010D	43984
LCS 410-43984/2-A	Lab Control Sample	Total/NA	Solid	6010D	43984
410-13195-3 MS	GW-4A	Total/NA	Solid	6010D	43984
410-13195-3 MSD	GW-4A	Total/NA	Solid	6010D	43984
410-13195-3 DU	GW-4A	Total/NA	Solid	6010D	43984

Analysis Batch: 44579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	TCLP	Solid	6010D	43544
MB 410-43544/1-A	Method Blank	Total/NA	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544
410-13195-4 MS	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 MS	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 MSD	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 MSD	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 DU	GW-4B	TCLP	Solid	6010D	43544

Analysis Batch: 44590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	6010D	43536
MB 410-43536/1-A	Method Blank	Total/NA	Solid	6010D	43536
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	6010D	43536

Analysis Batch: 44614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	6010D	41766
410-13195-1	GW-3A	Total/NA	Solid	6010D	41766
410-13195-2	GW-3B	Total/NA	Solid	6010D	41766
410-13195-5	S-1A	Total/NA	Solid	6010D	41766
410-13195-5	S-1A	Total/NA	Solid	6010D	41766
410-13195-6	S-1B	Total/NA	Solid	6010D	41766
410-13195-7	S-2A	Total/NA	Solid	6010D	41766
410-13195-7	S-2A	Total/NA	Solid	6010D	41766
410-13195-8	S-2B	Total/NA	Solid	6010D	41766
410-13195-8	S-2B	Total/NA	Solid	6010D	41766
410-13195-9	S-3A	Total/NA	Solid	6010D	41766

Euofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Metals (Continued)

Analysis Batch: 44614 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-9	S-3A	Total/NA	Solid	6010D	41766
410-13195-10	S-3B	Total/NA	Solid	6010D	41766
410-13195-10	S-3B	Total/NA	Solid	6010D	41766
410-13195-11	S-6A	Total/NA	Solid	6010D	41766
410-13195-12	S-6B	Total/NA	Solid	6010D	41766
MB 410-41766/1-A	Method Blank	Total/NA	Solid	6010D	41766
LCS 410-41766/2-A	Lab Control Sample	Total/NA	Solid	6010D	41766

Prep Batch: 44760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	7471B	
MB 410-44760/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-44760/2-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 410-44760/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	

Analysis Batch: 45000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	TCLP	Solid	6010D	43536

Analysis Batch: 45014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	6010D	43984
410-13195-4	GW-4B	Total/NA	Solid	6010D	43984
MB 410-43984/1-A	Method Blank	Total/NA	Solid	6010D	43984
LCS 410-43984/2-A	Lab Control Sample	Total/NA	Solid	6010D	43984
410-13195-3 MS	GW-4A	Total/NA	Solid	6010D	43984
410-13195-3 MSD	GW-4A	Total/NA	Solid	6010D	43984
410-13195-3 DU	GW-4A	Total/NA	Solid	6010D	43984

Analysis Batch: 45041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	TCLP	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544
410-13195-4 MS	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 MSD	GW-4B	TCLP	Solid	6010D	43544
410-13195-4 DU	GW-4B	TCLP	Solid	6010D	43544

Analysis Batch: 45072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	7471B	43995
410-13195-2	GW-3B	Total/NA	Solid	7471B	43995
410-13195-3	GW-4A	Total/NA	Solid	7471B	43995
410-13195-4	GW-4B	Total/NA	Solid	7471B	43995
410-13195-5	S-1A	Total/NA	Solid	7471B	43995
410-13195-6	S-1B	Total/NA	Solid	7471B	43995
410-13195-7	S-2A	Total/NA	Solid	7471B	43995
410-13195-9	S-3A	Total/NA	Solid	7471B	43995
410-13195-10	S-3B	Total/NA	Solid	7471B	43995
410-13195-11	S-6A	Total/NA	Solid	7471B	43995
410-13195-12	S-6B	Total/NA	Solid	7471B	43995
MB 410-43995/1-A	Method Blank	Total/NA	Solid	7471B	43995

Euofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Metals (Continued)

Analysis Batch: 45072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-43995/2-A	Lab Control Sample	Total/NA	Solid	7471B	43995
410-13195-1 MS	GW-3A	Total/NA	Solid	7471B	43995
410-13195-1 MSD	GW-3A	Total/NA	Solid	7471B	43995
410-13195-1 DU	GW-3A	Total/NA	Solid	7471B	43995

Analysis Batch: 45150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-8	S-2B	Total/NA	Solid	7471B	44760
MB 410-44760/1-A	Method Blank	Total/NA	Solid	7471B	44760
LCS 410-44760/2-A	Lab Control Sample	Total/NA	Solid	7471B	44760
LCSD 410-44760/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	44760

General Chemistry

Analysis Batch: 41555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-1	GW-3A	Total/NA	Solid	Moisture	
410-13195-2	GW-3B	Total/NA	Solid	Moisture	
410-13195-3	GW-4A	Total/NA	Solid	Moisture	
410-13195-4	GW-4B	Total/NA	Solid	Moisture	
410-13195-5	S-1A	Total/NA	Solid	Moisture	
410-13195-6	S-1B	Total/NA	Solid	Moisture	
410-13195-7	S-2A	Total/NA	Solid	Moisture	
410-13195-8	S-2B	Total/NA	Solid	Moisture	
410-13195-9	S-3A	Total/NA	Solid	Moisture	
410-13195-10	S-3B	Total/NA	Solid	Moisture	
410-13195-11	S-6A	Total/NA	Solid	Moisture	
410-13195-12	S-6B	Total/NA	Solid	Moisture	

Leach Batch: 43200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Soluble	Solid	DI Leach	
410-13195-4	GW-4B	Soluble	Solid	DI Leach	
LCS 410-43200/1-A	Lab Control Sample	Soluble	Solid	DI Leach	

Leach Batch: 43210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Soluble	Solid	DI Leach	
410-13195-6	S-1B	Soluble	Solid	DI Leach	
410-13195-7	S-2A	Soluble	Solid	DI Leach	
410-13195-8	S-2B	Soluble	Solid	DI Leach	
410-13195-9	S-3A	Soluble	Solid	DI Leach	
410-13195-10	S-3B	Soluble	Solid	DI Leach	
LCS 410-43210/1-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 43221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Soluble	Solid	9045D	43200
410-13195-4	GW-4B	Soluble	Solid	9045D	43200
LCS 410-43200/1-A	Lab Control Sample	Soluble	Solid	9045D	43200

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

General Chemistry

Analysis Batch: 43242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Soluble	Solid	9045D	43210
410-13195-6	S-1B	Soluble	Solid	9045D	43210
410-13195-7	S-2A	Soluble	Solid	9045D	43210
410-13195-8	S-2B	Soluble	Solid	9045D	43210
410-13195-9	S-3A	Soluble	Solid	9045D	43210
410-13195-10	S-3B	Soluble	Solid	9045D	43210
LCS 410-43210/1-A	Lab Control Sample	Soluble	Solid	9045D	43210

Analysis Batch: 43522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	1010A	
410-13195-4	GW-4B	Total/NA	Solid	1010A	
LCS 410-43522/1	Lab Control Sample	Total/NA	Solid	1010A	
LCSD 410-43522/2	Lab Control Sample Dup	Total/NA	Solid	1010A	

Prep Batch: 44561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	9012B	
410-13195-6	S-1B	Total/NA	Solid	9012B	
410-13195-7	S-2A	Total/NA	Solid	9012B	
410-13195-8	S-2B	Total/NA	Solid	9012B	
410-13195-9	S-3A	Total/NA	Solid	9012B	
410-13195-10	S-3B	Total/NA	Solid	9012B	
LCS 410-44561/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 44728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-5	S-1A	Total/NA	Solid	9012B	44561
410-13195-6	S-1B	Total/NA	Solid	9012B	44561
410-13195-7	S-2A	Total/NA	Solid	9012B	44561
410-13195-8	S-2B	Total/NA	Solid	9012B	44561
410-13195-9	S-3A	Total/NA	Solid	9012B	44561
410-13195-10	S-3B	Total/NA	Solid	9012B	44561
LCS 410-44561/1-A	Lab Control Sample	Total/NA	Solid	9012B	44561

Prep Batch: 44856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	7.3.4	
410-13195-4	GW-4B	Total/NA	Solid	7.3.4	
MB 410-44856/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Analysis Batch: 44964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-4	GW-4B	Total/NA	Solid	9034	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9034	44856
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	9034	44856

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

General Chemistry

Analysis Batch: 45193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	9012	44856
410-13195-4	GW-4B	Total/NA	Solid	9012	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9012	44856
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	9012	44856

Prep Batch: 46352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	7.3.4	
410-13195-5	S-1A	Total/NA	Solid	7.3.4	
410-13195-6	S-1B	Total/NA	Solid	7.3.4	
410-13195-7	S-2A	Total/NA	Solid	7.3.4	
410-13195-8	S-2B	Total/NA	Solid	7.3.4	
410-13195-9	S-3A	Total/NA	Solid	7.3.4	
410-13195-10	S-3B	Total/NA	Solid	7.3.4	
MB 410-46352/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Analysis Batch: 46462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13195-3	GW-4A	Total/NA	Solid	9034	46352
410-13195-5	S-1A	Total/NA	Solid	9034	46352
410-13195-6	S-1B	Total/NA	Solid	9034	46352
410-13195-7	S-2A	Total/NA	Solid	9034	46352
410-13195-8	S-2B	Total/NA	Solid	9034	46352
410-13195-9	S-3A	Total/NA	Solid	9034	46352
410-13195-10	S-3B	Total/NA	Solid	9034	46352
MB 410-46352/1-A	Method Blank	Total/NA	Solid	9034	46352
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	9034	46352

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3A

Date Collected: 09/04/20 09:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-3A

Date Collected: 09/04/20 09:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-1

Matrix: Solid

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 10:53	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43975	09/15/20 22:21	UWHS	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:45	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	42895	09/11/20 15:53	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 08:00	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49925	10/02/20 03:32	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 08:00	X875	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 02:12	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:01	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 16:47	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:43	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 15:55	UEFS	ELLE

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-3B

Date Collected: 09/04/20 09:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-2

Matrix: Solid

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 11:16	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	43975	09/15/20 22:44	UWHS	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 16:55	JC94	ELLE
Total/NA	Prep	3546			42636	09/10/20 16:19	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	42895	09/11/20 16:17	YHQ2	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44197	09/16/20 08:41	X875	ELLE
Total/NA	Prep	3546	RE		47335	09/24/20 10:02	I5BW	ELLE
Total/NA	Cleanup	3630C	RE		48734	09/29/20 08:06	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH	RE	1	49925	10/02/20 04:12	KP5X	ELLE
Total/NA	Prep	3546			42631	09/10/20 16:12	DN9W	ELLE
Total/NA	Cleanup	3630C			43413	09/14/20 09:45	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	44200	09/16/20 08:41	X875	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 02:22	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:11	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:54	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:12	UEFS	ELLE

Client Sample ID: GW-4A

Date Collected: 09/04/20 08:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 14:42	UPJE	ELLE
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 12:54	UPJE	ELLE
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:12	UEFS	ELLE
Total/NA	Analysis	1010A		1	43522	09/14/20 14:06	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:51	QU5I	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4A

Date Collected: 09/04/20 08:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43200	09/12/20 10:36	UYB0	ELLE
Soluble	Analysis	9045D		1	43221	09/12/20 13:10	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-4A

Date Collected: 09/04/20 08:20

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-3

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 11:39	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	43975	09/15/20 23:08	UWHS	ELLE
Total/NA	Prep	5030C			41983	09/09/20 19:43	Z8FW	ELLE
Total/NA	Analysis	8015D		25	42185	09/10/20 15:06	JJT8	ELLE
Total/NA	Prep	3546			42838	09/11/20 09:49	A2VL	ELLE
Total/NA	Analysis	8015D		1	44214	09/16/20 00:45	KP5X	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:06	JC94	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 02:32	OLN7	ELLE
Total/NA	Prep	3050B			43984	09/15/20 11:05	UAMX	ELLE
Total/NA	Analysis	6010D		1	44487	09/16/20 10:07	UPJE	ELLE
Total/NA	Prep	3050B			43984	09/15/20 11:05	UAMX	ELLE
Total/NA	Analysis	6010D		1	45014	09/17/20 14:16	UCIG	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:14	UEFS	ELLE

Client Sample ID: GW-4B

Date Collected: 09/04/20 08:30

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43544	09/14/20 11:27	UAMX	ELLE
TCLP	Analysis	6010D		1	44579	09/16/20 13:45	UPJE	ELLE
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	3010A			43544	09/14/20 11:27	UAMX	ELLE
TCLP	Analysis	6010D		1	45041	09/17/20 14:52	UPJE	ELLE
TCLP	Leach	1311			42022	09/09/20 09:26	UNWS	ELLE
TCLP	Prep	7470A			43562	09/14/20 12:09	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 21:40	UEFS	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: GW-4B

Lab Sample ID: 410-13195-4

Date Collected: 09/04/20 08:30

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	43522	09/14/20 14:07	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:52	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43200	09/12/20 10:36	UYB0	ELLE
Soluble	Analysis	9045D		1	43221	09/12/20 13:10	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: GW-4B

Lab Sample ID: 410-13195-4

Date Collected: 09/04/20 08:30

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 12:02	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 09:59	ULM3	ELLE
Total/NA	Prep	5030C			41983	09/09/20 19:43	Z8FW	ELLE
Total/NA	Analysis	8015D		25	42185	09/10/20 15:42	JJT8	ELLE
Total/NA	Prep	3546			42838	09/11/20 09:49	A2VL	ELLE
Total/NA	Analysis	8015D		1	43130	09/12/20 02:37	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:16	JC94	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 02:42	OLN7	ELLE
Total/NA	Prep	3050B			43984	09/15/20 11:05	UAMX	ELLE
Total/NA	Analysis	6010D		1	44487	09/16/20 10:28	UPJE	ELLE
Total/NA	Prep	3050B			43984	09/15/20 11:05	UAMX	ELLE
Total/NA	Analysis	6010D		1	45014	09/17/20 14:38	UCIG	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:16	UEFS	ELLE

Client Sample ID: S-1A

Lab Sample ID: 410-13195-5

Date Collected: 09/04/20 11:40

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1A

Date Collected: 09/04/20 11:40

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-5

Matrix: Solid

Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 12:25	R64Z	ELLE
Total/NA	Prep	5035	RA		41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	42829	09/11/20 16:16	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	44309	09/16/20 10:23	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		5	45185	09/18/20 04:41	UAMZ	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:26	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		25	46500	09/22/20 19:20	YHQ2	ELLE
Total/NA	Prep	537 (mod)			41568	09/08/20 08:51	NF	ELLE
Total/NA	Cleanup	Extract Aliquot			41642	09/08/20 11:06	NF	ELLE
Total/NA	Analysis	537 IDA		1	41807	09/09/20 02:51	OLN7	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:14	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 16:54	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 12:08	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:18	UEFS	ELLE
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 22:03	QU5I	ELLE

Client Sample ID: S-1B

Date Collected: 09/04/20 11:50

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-1B

Date Collected: 09/04/20 11:50

Date Received: 09/04/20 19:30

Lab Sample ID: 410-13195-6

Matrix: Solid

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 12:48	R64Z	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-1B

Lab Sample ID: 410-13195-6

Date Collected: 09/04/20 11:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	44309	09/16/20 10:46	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		1	45185	09/18/20 05:18	UAMZ	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		5	47350	09/24/20 16:52	ZO3C	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:37	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	46500	09/22/20 17:16	YHQ2	ELLE
Total/NA	Prep	537 (mod)			41650	09/08/20 11:18	S7AC	ELLE
Total/NA	Cleanup	Extract Aliquot			41653	09/08/20 11:23	S7AC	ELLE
Total/NA	Analysis	537 IDA		1	42112	09/09/20 19:36	MT26	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:35	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 12:23	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:20	UEFS	ELLE
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 21:56	QU5I	ELLE

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 13:11	R64Z	ELLE
Total/NA	Prep	3546			43624	09/14/20 18:00	QQ3P	ELLE
Total/NA	Analysis	8270D		5	44309	09/16/20 11:10	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		1	45185	09/18/20 05:30	UAMZ	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2A

Lab Sample ID: 410-13195-7

Date Collected: 09/04/20 13:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:47	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	46500	09/22/20 18:06	YHQ2	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:04	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 16:50	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:47	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:22	UEFS	ELLE
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 21:58	QU5I	ELLE

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 13:34	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 21:01	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		1	44809	09/17/20 12:29	ZO3C	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 17:58	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	46500	09/22/20 18:30	YHQ2	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:24	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 16:57	UCIG	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-2B

Lab Sample ID: 410-13195-8

Date Collected: 09/04/20 13:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 12:11	UKNC	ELLE
Total/NA	Prep	7471B			44760	09/17/20 06:38	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 18:20	UEFS	ELLE
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 21:59	QU5I	ELLE

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 13:57	R64Z	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/15/20 18:20	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		5	44809	09/17/20 12:42	ZO3C	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 18:40	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	46500	09/22/20 18:55	YHQ2	ELLE
Total/NA	Prep	537 (mod)			41650	09/08/20 11:18	S7AC	ELLE
Total/NA	Cleanup	Extract Aliquot			41653	09/08/20 11:23	S7AC	ELLE
Total/NA	Analysis	537 IDA		1	42112	09/09/20 19:45	MT26	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:27	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 17:00	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 12:15	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:34	UEFS	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-3A

Lab Sample ID: 410-13195-9

Date Collected: 09/04/20 12:10

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 22:00	QU5I	ELLE

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-3B

Lab Sample ID: 410-13195-10

Date Collected: 09/04/20 12:20

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:02	UK3O	ELLE
Total/NA	Analysis	8260C		1	42829	09/11/20 14:20	R64Z	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/15/20 19:52	ULM3	ELLE
Total/NA	Prep	3546			43626	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8081B		1	45185	09/18/20 06:43	UAMZ	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	44351	09/15/20 18:50	JC94	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	44923	09/17/20 23:17	KP5X	ELLE
Total/NA	Prep	537 (mod)			41650	09/08/20 11:18	S7AC	ELLE
Total/NA	Cleanup	Extract Aliquot			41653	09/08/20 11:23	S7AC	ELLE
Total/NA	Analysis	537 IDA		1	42112	09/09/20 19:55	MT26	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:31	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		5	44614	09/16/20 17:03	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 12:19	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:24	UEFS	ELLE
Total/NA	Prep	9012B			44561	09/16/20 14:39	F8AU	ELLE
Total/NA	Analysis	9012B		1	44728	09/16/20 22:02	QU5I	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6A

Lab Sample ID: 410-13195-11

Date Collected: 09/04/20 13:40

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-6A

Lab Sample ID: 410-13195-11

Date Collected: 09/04/20 13:40

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43332	09/14/20 02:00	Z6JB	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/15/20 20:15	ULM3	ELLE
Total/NA	Leach	DI Leach			43945	09/15/20 09:57	LXF2	ELLE
Total/NA	Analysis	8015D		1	44022	09/15/20 17:02	LXF2	ELLE
Total/NA	Prep	537 (mod)			41650	09/08/20 11:18	S7AC	ELLE
Total/NA	Cleanup	Extract Aliquot			41653	09/08/20 11:23	S7AC	ELLE
Total/NA	Analysis	537 IDA		1	42112	09/09/20 20:05	MT26	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 15:58	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/08/20 17:25	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:40	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:26	UEFS	ELLE

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	41555	09/08/20 08:24	UWC1	ELLE

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			41395	09/05/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43332	09/14/20 02:22	Z6JB	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/15/20 20:38	ULM3	ELLE
Total/NA	Leach	DI Leach			43945	09/15/20 09:57	LXF2	ELLE
Total/NA	Analysis	8015D		1	44022	09/15/20 17:27	LXF2	ELLE
Total/NA	Prep	537 (mod)			41650	09/08/20 11:18	S7AC	ELLE
Total/NA	Cleanup	Extract Aliquot			41653	09/08/20 11:23	S7AC	ELLE
Total/NA	Analysis	537 IDA		1	42112	09/09/20 20:15	MT26	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Client Sample ID: S-6B

Lab Sample ID: 410-13195-12

Date Collected: 09/04/20 13:50

Matrix: Solid

Date Received: 09/04/20 19:30

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	44614	09/16/20 16:08	UCIG	ELLE
Total/NA	Prep	3050B			41766	09/09/20 04:48	UAMX	ELLE
Total/NA	Analysis	6010D		1	43569	09/14/20 11:51	UKNC	ELLE
Total/NA	Prep	7471B			43995	09/15/20 11:19	UAMX	ELLE
Total/NA	Analysis	7471B		1	45072	09/17/20 16:28	UEFS	ELLE

Client Sample ID: FB-3

Lab Sample ID: 410-13195-13

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 22:16	MT26	ELLE

Client Sample ID: RB-3

Lab Sample ID: 410-13195-14

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			41754	09/08/20 17:07	QLP7	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	42549	09/10/20 22:25	MT26	ELLE

Client Sample ID: TB-3

Lab Sample ID: 410-13195-15

Date Collected: 09/04/20 07:45

Matrix: Water

Date Received: 09/04/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	45156	09/18/20 00:37	TQ4J	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
537 IDA	537 (mod)	Solid	Perfluorobutanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorodecanoic acid
537 IDA	537 (mod)	Solid	Perfluorododecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroheptanoic acid
537 IDA	537 (mod)	Solid	Perfluorohexanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorohexanoic acid
537 IDA	537 (mod)	Solid	Perfluorononanoic acid
537 IDA	537 (mod)	Solid	Perfluorooctanesulfonic acid
537 IDA	537 (mod)	Solid	Perfluorooctanoic acid
537 IDA	537 (mod)	Solid	Perfluorotetradecanoic acid
537 IDA	537 (mod)	Solid	Perfluorotridecanoic acid
537 IDA	537 (mod)	Solid	Perfluoroundecanoic acid
9012	7.3.4	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8015D	Gasoline Range Organics (GRO) (GC)	SW846	ELLE
8015D	Glycols- Direct Injection (GC/FID)	SW846	ELLE
8015D	Diesel Range Organics (DRO) (GC)	SW846	ELLE
8081B	Organochlorine Pesticides (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
NJ EPH	NJ EPH Extractable Petroleum Hydrocarbons	NJDEP	ELLE
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE
6010D	Metals (ICP)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	ELLE
9012	Cyanide, Reactive	SW846	ELLE
9012B	Cyanide, Total and/or Amenable	SW846	ELLE
9034	Sulfide, Reactive	SW846	ELLE
9045D	pH	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1311	TCLP Extraction	SW846	ELLE
3010A	Preparation, Total Metals	SW846	ELLE
3050B	Preparation, Metals	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
3630C	Silica Gel Cleanup	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
537 (mod)	EPA 537 Isotope Dilution	EPA	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7.3.3	Cyanide, Reactive	SW846	ELLE
7.3.4	Sulfide, Reactive	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	ELLE
DI Leach	Deionized Water Leaching Procedure	ASTM	ELLE
DI Leach	Dionized Water Leaching Procedure	ASTM	ELLE
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE

Protocol References:

ASTM = ASTM International
 ELLE - Lancaster = Eurofins Lancaster, Facility Standard Operating Procedure.
 EPA = US Environmental Protection Agency
 NJDEP = New Jersey Department of Environmental Protection
 None = None
 SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13195-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13195-1	GW-3A	Solid	09/04/20 09:30	09/04/20 19:30	
410-13195-2	GW-3B	Solid	09/04/20 09:40	09/04/20 19:30	
410-13195-3	GW-4A	Solid	09/04/20 08:20	09/04/20 19:30	
410-13195-4	GW-4B	Solid	09/04/20 08:30	09/04/20 19:30	
410-13195-5	S-1A	Solid	09/04/20 11:40	09/04/20 19:30	
410-13195-6	S-1B	Solid	09/04/20 11:50	09/04/20 19:30	
410-13195-7	S-2A	Solid	09/04/20 13:10	09/04/20 19:30	
410-13195-8	S-2B	Solid	09/04/20 13:20	09/04/20 19:30	
410-13195-9	S-3A	Solid	09/04/20 12:10	09/04/20 19:30	
410-13195-10	S-3B	Solid	09/04/20 12:20	09/04/20 19:30	
410-13195-11	S-6A	Solid	09/04/20 13:40	09/04/20 19:30	
410-13195-12	S-6B	Solid	09/04/20 13:50	09/04/20 19:30	
410-13195-13	FB-3	Water	09/04/20 07:45	09/04/20 19:30	
410-13195-14	RB-3	Water	09/04/20 07:45	09/04/20 19:30	
410-13195-15	TB-3	Water	09/04/20 07:45	09/04/20 19:30	

410-13195 Chain of Custody

[illegible]

[illegible]

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-13195-1

Login Number: 13195

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Rivera-Santa, Julissa

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

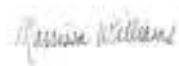
Laboratory Job ID: 410-13470-1

Client Project/Site: TTN Site NJ

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/12/2020 11:58:19 AM

Marrissa Williams, Project Manager
(717)556-7246
marrissawilliams@eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

* QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

* Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

* Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Marrison Williams
Project Manager
10/12/2020 11:58:19 AM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Eurofins Lancaster Laboratories Env

Client: Urban Engineers, Inc.

Project Location: TTN Site NJ

Project Number: 410-13470-1

Laboratory Sample ID(s): 410-13470-1, 410-13470-2, 410-13470-3,
410-13470-4, 410-13470-5, 410-13470-6,
410-13470-7, 410-13470-8, 410-13470-9,
410-13470-10, 410-13470-11, 410-13470-12,
410-13470-13, 410-13470-14, 410-13470-17

Sampling Date(s): 09/08/2020

List DKQP Methods Used: 8260C, 8270D, 8082A, 6010D, 7470A, 7471B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No ☐ See case narrative
1B	<u>EPH Method:</u> Was the EPH method conducted without significant modifications? (see Section 11.3 of respective DKQ methods)	☒ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☐ Yes ☒ No ☐ See case narrative
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b) Were these reporting limits met?	☒ Yes ☐ No ☐ See case narrative ☐ Yes ☒ No ☐ N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☐ Yes ☒ No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Data of Known Quality."

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Job ID: 410-13470-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13470-1

Receipt

The samples were received on 9/9/2020 5:54 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.2° C, 1.8° C and 5.7° C.

Receipt Exceptions

The following samples were received at the laboratory without a sample collection time documented on the chain of custody: FB-4 (410-13470-15) and RB-4 (410-13470-16). Entered per container labels - time of 12:00 marked on labels.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-43684 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Dibromochloromethane, 1,2-Dibromoethane, and Methyl acetate. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-43445 recovered above the upper control limit for 1,1,1-Trichloroethane, Freon 113, 1,1-Dichloroethene, Carbon disulfide, Carbon tetrachloride, Chloroform, Bromochloromethane, Cyclohexane, Dibromochloromethane, Dichlorodifluoromethane, trans-1,2-Dichloroethene and Trichlorofluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: Internal standard (ISTD) response for the following samples were outside control limits: S-16A (410-13470-5), S-16B (410-13470-6), S-17B (410-13470-8), S-18A (410-13470-9) and S-20A (410-13470-13). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-43445. The client requested analyte list was reported for this job.

Method 8260C: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-43684. The client requested analyte list was reported for this job.

Method 8260C: The NJ DKQP required reporting limit could not be attained for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane on analytical batch 410-43684.

Method 8260C: The NJ DKQP required reporting limit could not be attained for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane on analytical batch 410-43445.

S-16A (410-13470-5), S-16B (410-13470-6), S-17A (410-13470-7), S-17B (410-13470-8), S-18A (410-13470-9), S-18B (410-13470-10), S-19A (410-13470-11), S-19B (410-13470-12), S-20A (410-13470-13) and S-20B (410-13470-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The following samples were diluted due to the nature of the sample matrix: S-16A (410-13470-5), S-16B (410-13470-6) and S-17B (410-13470-8). Elevated reporting limits (RLs) are provided.

Method 8270D: The NJ DKQP analyte list requirement was not met for Method 8270D. The client requested analyte list was reported for this job.

Method 8270D: Benzo(b)fluoranthene and benzo(k)fluoranthene were not resolved under the sample analysis conditions. The result reported for benzo(b)fluoranthene represents the combined total of both isomers for sample S-18B (410-13470-10).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Job ID: 410-13470-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

GC VOA

Method 8015D: The method blank for preparation batch 410-42685 and analytical batch 410-44146 contained GRO above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015D: The following samples were diluted due to foaming: S-16A (410-13470-5), S-18A (410-13470-9) and S-19A (410-13470-11). Elevated reporting limits (RLs) are provided.

Method 8015D: The method blank for preparation batch 410-42685 and analytical batch 410-44578 contained GRO above the method detection limit (MDL). Associated sample(s) were not re-analyzed because results were greater than 10X the value found in the method blank.

Method 8015D: The following samples were diluted due to the nature of the sample matrix: S-16B (410-13470-6), S-17B (410-13470-8), S-19B (410-13470-12) and S-20A (410-13470-13). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: Surrogate recovery for the following sample was outside control limits: S-17A (410-13470-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010D: The low level calibration verification (CRI) associated with batch 410-44590 recovered above the upper control limit for Arsenic. The samples associated with this CRI were non-detects or were reanalyzed for the affected analytes; therefore, the LCS and the data have been reported.

Method 6010D: The laboratory control sample (LCS) for 410-43536 recovered above the control limits for the following analytes: Selenium. These analytes were biased high in the LCS and were not detected or J flagged in the associated samples; therefore, the data have been reported.

Method 6010D: The NJ DKQP analyte list requirement was not met for Method 6010D. The client requested analyte list was reported for this job.

S-16A (410-13470-5), S-16B (410-13470-6), S-17A (410-13470-7), S-17B (410-13470-8), S-18A (410-13470-9), S-18B (410-13470-10), S-19A (410-13470-11), S-19B (410-13470-12), S-20A (410-13470-13) and S-20B (410-13470-14)

Method 6010D: The NJ DKQP required reporting limit could not be attained for Arsenic, Cadmium, Lead, Selenium using the laboratory LOQ.

S-16A (410-13470-5), S-16B (410-13470-6), S-17A (410-13470-7), S-17B (410-13470-8), S-18A (410-13470-9), S-18B (410-13470-10), S-19A (410-13470-11), S-19B (410-13470-12), S-20A (410-13470-13) and S-20B (410-13470-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Job ID: 410-13470-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-7A

Lab Sample ID: 410-13470-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	94		58	58	mg/Kg	5	✱	NJ EPH	Total/NA

Client Sample ID: S-7B

Lab Sample ID: 410-13470-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	110		61	61	mg/Kg	5	✱	NJ EPH	Total/NA

Client Sample ID: S-8A

Lab Sample ID: 410-13470-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	170		10	10	mg/Kg	1	✱	NJ EPH	Total/NA

Client Sample ID: S-8B

Lab Sample ID: 410-13470-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	32		11	11	mg/Kg	1	✱	NJ EPH	Total/NA

Client Sample ID: S-16A

Lab Sample ID: 410-13470-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	13		11	2.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	64	B	21	6.4	ug/Kg	1	✱	8260C	Total/NA
Benzene	4.9	J	5.3	0.53	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	0.75	J	5.3	0.64	ug/Kg	1	✱	8260C	Total/NA
Ethylbenzene	1.9	J	5.3	0.43	ug/Kg	1	✱	8260C	Total/NA
m&p-Xylene	4.2	J	5.3	1.1	ug/Kg	1	✱	8260C	Total/NA
o-Xylene	2.1	J	5.3	0.43	ug/Kg	1	✱	8260C	Total/NA
Styrene	0.96	J	5.3	0.43	ug/Kg	1	✱	8260C	Total/NA
Toluene	11		5.3	0.64	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	6.3	J	11	1.5	ug/Kg	1	✱	8260C	Total/NA
Benzo[b]fluoranthene	180	J	850	170	ug/Kg	10	✱	8270D	Total/NA
Chrysene	250	J	850	170	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	170	J	850	170	ug/Kg	10	✱	8270D	Total/NA
Pyrene	210	J	850	170	ug/Kg	10	✱	8270D	Total/NA
GRO (1C)	5.7	J B	17	3.0	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	430		310	130	mg/Kg	25	✱	8015D	Total/NA
Arsenic	3.8		3.0	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	56		0.50	0.15	mg/Kg	1	✱	6010D	Total/NA
Chromium	12		1.5	0.18	mg/Kg	1	✱	6010D	Total/NA
Lead	12		1.5	0.60	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.7	J	5.0	1.5	mg/Kg	1	✱	6010D	Total/NA
Barium	0.31		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0010	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0085	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.017		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>178		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	9.3		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-16B

Lab Sample ID: 410-13470-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	20		12	2.5	ug/Kg	1	✱	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B (Continued)

Lab Sample ID: 410-13470-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110	B	25	7.5	ug/Kg	1	✱	8260C	Total/NA
Benzene	4.9	J	6.2	0.62	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.0	J	6.2	0.75	ug/Kg	1	✱	8260C	Total/NA
Ethylbenzene	1.6	J	6.2	0.50	ug/Kg	1	✱	8260C	Total/NA
m&p-Xylene	3.3	J	6.2	1.2	ug/Kg	1	✱	8260C	Total/NA
o-Xylene	1.7	J	6.2	0.50	ug/Kg	1	✱	8260C	Total/NA
Styrene	0.77	J	6.2	0.50	ug/Kg	1	✱	8260C	Total/NA
Toluene	9.8		6.2	0.75	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	5.0	J	12	1.7	ug/Kg	1	✱	8260C	Total/NA
GRO (1C)	3.8	J B	12	2.2	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	610		610	250	mg/Kg	50	✱	8015D	Total/NA
Arsenic	3.9		3.0	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	42		0.50	0.15	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.43	J	0.50	0.10	mg/Kg	1	✱	6010D	Total/NA
Chromium	9.1		1.5	0.18	mg/Kg	1	✱	6010D	Total/NA
Lead	13		1.5	0.61	mg/Kg	1	✱	6010D	Total/NA
Silver	0.74	J	1.0	0.40	mg/Kg	1	✱	6010D	Total/NA
Barium	0.30		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0072	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.016		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>183		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	9.3		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-17A

Lab Sample ID: 410-13470-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.3	J	9.7	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	72	B	19	5.8	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	0.96	J	4.8	0.58	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	3.9	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	12	J	20	7.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	16	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	21		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	18	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	7.2	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	24		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	28		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	9.5	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	20		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	28		20	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.32	J B	1.2	0.21	mg/Kg	25	✱	8015D	Total/NA
Arsenic	14		3.4	1.4	mg/Kg	1	✱	6010D	Total/NA
Barium	110		0.57	0.17	mg/Kg	1	✱	6010D	Total/NA
Chromium	16		1.7	0.21	mg/Kg	1	✱	6010D	Total/NA
Lead	24		1.7	0.69	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.6	J	5.7	1.7	mg/Kg	1	✱	6010D	Total/NA
Barium	1.2		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0014	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0045	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.014	J	0.015	0.0071	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17A (Continued)

Lab Sample ID: 410-13470-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>182		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-17B

Lab Sample ID: 410-13470-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	14		9.0	1.8	ug/Kg	1	✱	8260C	Total/NA
Acetone	160	B	18	5.4	ug/Kg	1	✱	8260C	Total/NA
Benzene	1.3	J	4.5	0.45	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.2	J	4.5	0.54	ug/Kg	1	✱	8260C	Total/NA
Ethylbenzene	0.51	J	4.5	0.36	ug/Kg	1	✱	8260C	Total/NA
m&p-Xylene	1.2	J	4.5	0.90	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	1.5	J	4.5	0.90	ug/Kg	1	✱	8260C	Total/NA
o-Xylene	0.69	J	4.5	0.36	ug/Kg	1	✱	8260C	Total/NA
Toluene	2.5	J	4.5	0.54	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	1.9	J	9.0	1.3	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]pyrene	35	J	180	35	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	35	J	180	35	ug/Kg	10	✱	8270D	Total/NA
Chrysene	61	J	180	35	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	58	J	180	35	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	45	J	180	35	ug/Kg	10	✱	8270D	Total/NA
Pyrene	47	J	180	35	ug/Kg	10	✱	8270D	Total/NA
GRO (1C)	2.8	J B	9.8	1.8	mg/Kg	250	✱	8015D	Total/NA
Arsenic	7.5		2.2	0.89	mg/Kg	1	✱	6010D	Total/NA
Barium	150		0.37	0.11	mg/Kg	1	✱	6010D	Total/NA
Chromium	23		1.1	0.13	mg/Kg	1	✱	6010D	Total/NA
Lead	23		1.1	0.45	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.9	J	3.7	1.1	mg/Kg	1	✱	6010D	Total/NA
Barium	0.85		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0022	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0058	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.031		0.015	0.0071	mg/L	1		6010D	TCLP
Mercury	0.036	J	0.063	0.026	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>174		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.6		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	20		11	2.3	ug/Kg	1	✱	8260C	Total/NA
2-Hexanone	15		11	1.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	110	B	23	6.9	ug/Kg	1	✱	8260C	Total/NA
Benzene	2.7	J	5.7	0.57	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	0.86	J	5.7	0.69	ug/Kg	1	✱	8260C	Total/NA
Ethylbenzene	1.0	J	5.7	0.46	ug/Kg	1	✱	8260C	Total/NA
m&p-Xylene	2.5	J	5.7	1.1	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.4	J	5.7	1.1	ug/Kg	1	✱	8260C	Total/NA
o-Xylene	1.3	J	5.7	0.46	ug/Kg	1	✱	8260C	Total/NA
Styrene	0.48	J	5.7	0.46	ug/Kg	1	✱	8260C	Total/NA
Toluene	6.4		5.7	0.69	ug/Kg	1	✱	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A (Continued)

Lab Sample ID: 410-13470-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	3.8	J	11	1.6	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	5.6	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	7.5	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Anthracene	20		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	85		19	7.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	91		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	170		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	99		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	58		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	180		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	250		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluorene	5.7	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	93		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	110		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	190		19	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	5.4	J B	15	2.7	mg/Kg	250	✱	8015D	Total/NA
Arsenic	6.9		2.4	0.95	mg/Kg	1	✱	6010D	Total/NA
Barium	77		0.40	0.12	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.34	J	0.40	0.079	mg/Kg	1	✱	6010D	Total/NA
Chromium	25		1.2	0.14	mg/Kg	1	✱	6010D	Total/NA
Lead	15		1.2	0.47	mg/Kg	1	✱	6010D	Total/NA
Silver	0.74	J	0.79	0.32	mg/Kg	1	✱	6010D	Total/NA
Barium	0.33		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0044	J	0.015	0.0016	mg/L	1		6010D	TCLP
Flashpoint	>171		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	8.1		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-18B

Lab Sample ID: 410-13470-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.8	J	9.5	1.9	ug/Kg	1	✱	8260C	Total/NA
Acetone	110	B	19	5.7	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	4.6	J	4.8	0.57	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.61	J	4.8	0.57	ug/Kg	1	✱	8260C	Total/NA
Anthracene	4.1	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	25		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Chrysene	18	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	19	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	12	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Pyrene	16	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.32	J B	1.1	0.21	mg/Kg	25	✱	8015D	Total/NA
Arsenic	8.0	J	12	4.9	mg/Kg	5	✱	6010D	Total/NA
Barium	260		2.1	0.62	mg/Kg	5	✱	6010D	Total/NA
Cadmium	0.63	J	2.1	0.41	mg/Kg	5	✱	6010D	Total/NA
Chromium	42		6.2	0.74	mg/Kg	5	✱	6010D	Total/NA
Lead	22		6.2	2.5	mg/Kg	5	✱	6010D	Total/NA
Barium	0.60		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0016	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0049	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.0088	J	0.015	0.0071	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18B (Continued)

Lab Sample ID: 410-13470-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>173		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.9		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-19A

Lab Sample ID: 410-13470-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	9.8		8.3	1.7	ug/Kg	1	✱	8260C	Total/NA
Acetone	97	B	17	5.0	ug/Kg	1	✱	8260C	Total/NA
Benzene	0.44	J	4.2	0.42	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.3	J	4.2	0.50	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.53	J	4.2	0.50	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	17	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	12	J	18	3.6	ug/Kg	1	✱	8270D	Total/NA
Anthracene	38		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	110		18	7.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	150		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	240		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	140		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	89		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Chrysene	220		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	370		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	120		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	30		18	7.1	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	250		18	3.6	ug/Kg	1	✱	8270D	Total/NA
Pyrene	300		18	3.6	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	4.1	J B	10	1.9	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	300	J	320	130	mg/Kg	25	✱	8015D	Total/NA
Arsenic	3.5		2.3	0.92	mg/Kg	1	✱	6010D	Total/NA
Barium	44		0.38	0.12	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.37	J	0.38	0.077	mg/Kg	1	✱	6010D	Total/NA
Chromium	15		1.2	0.14	mg/Kg	1	✱	6010D	Total/NA
Lead	11		1.2	0.46	mg/Kg	1	✱	6010D	Total/NA
Barium	0.33		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0014	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0061	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.046		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.2		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	15		11	2.2	ug/Kg	1	✱	8260C	Total/NA
4-Methyl-2-pentanone	1.1	J	11	1.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	160	B	22	6.6	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.6	J	5.5	0.66	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.3	J	5.5	1.1	ug/Kg	1	✱	8260C	Total/NA
Anthracene	36		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	100		18	7.1	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	140		18	3.5	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B (Continued)

Lab Sample ID: 410-13470-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	220		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	140		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	98		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Chrysene	210		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	380		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	130		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	29		18	7.1	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	260		18	3.5	ug/Kg	1	✱	8270D	Total/NA
Pyrene	280		18	3.5	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	4.1	J B	15	2.7	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	210	J	320	130	mg/Kg	25	✱	8015D	Total/NA
Arsenic	4.7		2.6	1.0	mg/Kg	1	✱	6010D	Total/NA
Barium	67		0.43	0.13	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.36	J	0.43	0.087	mg/Kg	1	✱	6010D	Total/NA
Chromium	23		1.3	0.16	mg/Kg	1	✱	6010D	Total/NA
Lead	17		1.3	0.52	mg/Kg	1	✱	6010D	Total/NA
Arsenic	0.023	J B	0.030	0.016	mg/L	1		6010D	TCLP
Barium	0.38		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0015	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0054	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.017		0.015	0.0071	mg/L	1		6010D	TCLP
Selenium	0.029	J B *	0.050	0.016	mg/L	1		6010D	TCLP
Flashpoint	>181		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	8.6		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-20A

Lab Sample ID: 410-13470-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	11		11	2.1	ug/Kg	1	✱	8260C	Total/NA
4-Methyl-2-pentanone	2.1	J	11	1.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	100	B	21	6.3	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	2.2	J	5.3	0.63	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.79	J	5.3	0.63	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	4.5	J	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Anthracene	13	J	19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	77		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	220		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	330		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	290		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	130		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Chrysene	150		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	61		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	130		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	250		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	45		19	3.7	ug/Kg	1	✱	8270D	Total/NA
Pyrene	120		19	3.7	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	3.1	J B	11	2.1	mg/Kg	250	✱	8015D	Total/NA
Arsenic	5.9		2.5	0.99	mg/Kg	1	✱	6010D	Total/NA
Barium	86		0.41	0.12	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.37	J	0.41	0.082	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20A (Continued)

Lab Sample ID: 410-13470-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	29		1.2	0.15	mg/Kg	1	✱	6010D	Total/NA
Lead	17		1.2	0.49	mg/Kg	1	✱	6010D	Total/NA
Silver	0.65	J	0.82	0.33	mg/Kg	1	✱	6010D	Total/NA
Barium	0.50		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0011	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0041	J B	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.021		0.015	0.0071	mg/L	1		6010D	TCLP
Flashpoint	>172		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.5		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: S-20B

Lab Sample ID: 410-13470-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.9	J	13	2.6	ug/Kg	1	✱	8260C	Total/NA
Acetone	110	B	26	7.9	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	4.4	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	9.7	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Anthracene	21		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	120		20	7.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	360		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	540		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	450		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	180		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	270		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	230		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluorene	7.6	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	420		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	9.1	J	20	7.8	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	75		20	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	190		20	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.41	J B	1.9	0.33	mg/Kg	25	✱	8015D	Total/NA
Arsenic	10		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Barium	95		0.54	0.16	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.38	J	0.54	0.11	mg/Kg	1	✱	6010D	Total/NA
Chromium	32		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	15		1.6	0.64	mg/Kg	1	✱	6010D	Total/NA
Barium	0.39		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0055	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.015		0.015	0.0071	mg/L	1		6010D	TCLP
Mercury	0.16	J	0.20	0.079	ug/L	1		7470A	TCLP
Flashpoint	>177		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.1		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: FB-4

Lab Sample ID: 410-13470-15

No Detections.

Client Sample ID: RB-4

Lab Sample ID: 410-13470-16

No Detections.

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: TB-4

Lab Sample ID: 410-13470-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.86	J B	20	0.70	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-7A

Lab Sample ID: 410-13470-1

Date Collected: 09/08/20 08:15

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 85.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		39	3.9	ug/Kg	☆	09/15/20 09:45	09/15/20 23:40	1
Naphthalene	ND		19	7.7	ug/Kg	☆	09/15/20 09:45	09/15/20 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	66		30 - 130				09/15/20 09:45	09/15/20 23:40	1
p-Terphenyl-d14 (Surr)	77		30 - 130				09/15/20 09:45	09/15/20 23:40	1
Nitrobenzene-d5 (Surr)	58		30 - 130				09/15/20 09:45	09/15/20 23:40	1
2-Fluorophenol (Surr)	65		30 - 130				09/15/20 09:45	09/15/20 23:40	1
2-Fluorobiphenyl (Surr)	75		30 - 130				09/15/20 09:45	09/15/20 23:40	1
2,4,6-Tribromophenol (Surr)	84		30 - 130				09/15/20 09:45	09/15/20 23:40	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	94		58	58	mg/Kg	☆	09/16/20 15:58	09/22/20 17:41	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	82		40 - 140				09/16/20 15:58	09/22/20 17:41	5
o-terphenyl (Surr)	76		40 - 140				09/16/20 15:58	09/22/20 17:41	5

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluoroheptanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorooctanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorononanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorodecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorotridecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorotetradecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorobutanesulfonic acid	ND		2.2	0.43	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorohexanesulfonic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorooctanesulfonic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluoroundecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Perfluorododecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 17:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	86		11 - 138				09/10/20 18:24	09/11/20 17:41	1
13C4 PFHpA	84		15 - 139				09/10/20 18:24	09/11/20 17:41	1
13C8 PFOA	85		21 - 133				09/10/20 18:24	09/11/20 17:41	1
13C9 PFNA	77		15 - 145				09/10/20 18:24	09/11/20 17:41	1
13C6 PFDA	88		21 - 134				09/10/20 18:24	09/11/20 17:41	1
13C7 PFUnA	91		15 - 138				09/10/20 18:24	09/11/20 17:41	1
13C2-PFDoDA	90		28 - 126				09/10/20 18:24	09/11/20 17:41	1
13C2 PFTeDA	87		10 - 138				09/10/20 18:24	09/11/20 17:41	1
13C3 PFBS	80		23 - 130				09/10/20 18:24	09/11/20 17:41	1
13C3 PFHxS	91		24 - 136				09/10/20 18:24	09/11/20 17:41	1
13C8 PFOS	84		31 - 130				09/10/20 18:24	09/11/20 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.5		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	85.5		1.0	1.0	%			09/10/20 11:59	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-7B

Lab Sample ID: 410-13470-2

Date Collected: 09/08/20 08:20

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 81.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		40	4.0	ug/Kg	☆	09/15/20 09:45	09/16/20 00:02	1
Naphthalene	ND		20	8.1	ug/Kg	☆	09/15/20 09:45	09/16/20 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	62		30 - 130				09/15/20 09:45	09/16/20 00:02	1
p-Terphenyl-d14 (Surr)	70		30 - 130				09/15/20 09:45	09/16/20 00:02	1
Nitrobenzene-d5 (Surr)	50		30 - 130				09/15/20 09:45	09/16/20 00:02	1
2-Fluorophenol (Surr)	59		30 - 130				09/15/20 09:45	09/16/20 00:02	1
2-Fluorobiphenyl (Surr)	68		30 - 130				09/15/20 09:45	09/16/20 00:02	1
2,4,6-Tribromophenol (Surr)	73		30 - 130				09/15/20 09:45	09/16/20 00:02	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	110		61	61	mg/Kg	☆	09/16/20 15:58	09/17/20 22:52	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	82		40 - 140				09/16/20 15:58	09/17/20 22:52	5
o-terphenyl (Surr)	76		40 - 140				09/16/20 15:58	09/17/20 22:52	5

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluoroheptanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorooctanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorononanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorodecanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorotridecanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorotetradecanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorobutanesulfonic acid	ND		2.4	0.48	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorohexanesulfonic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorooctanesulfonic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluoroundecanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Perfluorododecanoic acid	ND		0.73	0.24	ng/g	☆	09/13/20 17:02	09/14/20 14:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	93		11 - 138				09/13/20 17:02	09/14/20 14:09	1
13C4 PFHpA	93		15 - 139				09/13/20 17:02	09/14/20 14:09	1
13C8 PFOA	92		21 - 133				09/13/20 17:02	09/14/20 14:09	1
13C9 PFNA	83		15 - 145				09/13/20 17:02	09/14/20 14:09	1
13C6 PFDA	93		21 - 134				09/13/20 17:02	09/14/20 14:09	1
13C7 PFUnA	100		15 - 138				09/13/20 17:02	09/14/20 14:09	1
13C2-PFDoDA	98		28 - 126				09/13/20 17:02	09/14/20 14:09	1
13C2 PFTeDA	99		10 - 138				09/13/20 17:02	09/14/20 14:09	1
13C3 PFBS	92		23 - 130				09/13/20 17:02	09/14/20 14:09	1
13C3 PFHxS	103		24 - 136				09/13/20 17:02	09/14/20 14:09	1
13C8 PFOS	92		31 - 130				09/13/20 17:02	09/14/20 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18.1		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	81.9		1.0	1.0	%			09/10/20 11:59	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-8A

Lab Sample ID: 410-13470-3

Date Collected: 09/08/20 08:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		35	3.5	ug/Kg	✱	09/15/20 09:45	09/16/20 00:25	1
Naphthalene	ND		18	7.1	ug/Kg	✱	09/15/20 09:45	09/16/20 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	61		30 - 130	09/15/20 09:45	09/16/20 00:25	1
p-Terphenyl-d14 (Surr)	81		30 - 130	09/15/20 09:45	09/16/20 00:25	1
Nitrobenzene-d5 (Surr)	53		30 - 130	09/15/20 09:45	09/16/20 00:25	1
2-Fluorophenol (Surr)	59		30 - 130	09/15/20 09:45	09/16/20 00:25	1
2-Fluorobiphenyl (Surr)	76		30 - 130	09/15/20 09:45	09/16/20 00:25	1
2,4,6-Tribromophenol (Surr)	84		30 - 130	09/15/20 09:45	09/16/20 00:25	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	170		10	10	mg/Kg	✱	09/16/20 15:58	09/17/20 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	83		40 - 140	09/16/20 15:58	09/17/20 21:38	1
o-terphenyl (Surr)	78		40 - 140	09/16/20 15:58	09/17/20 21:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.9		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	93.1		1.0	1.0	%			09/10/20 11:59	1

Client Sample ID: S-8B

Lab Sample ID: 410-13470-4

Date Collected: 09/08/20 08:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		38	3.8	ug/Kg	✱	09/15/20 09:45	09/16/20 00:48	1
Naphthalene	ND		19	7.5	ug/Kg	✱	09/15/20 09:45	09/16/20 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	63		30 - 130	09/15/20 09:45	09/16/20 00:48	1
p-Terphenyl-d14 (Surr)	77		30 - 130	09/15/20 09:45	09/16/20 00:48	1
Nitrobenzene-d5 (Surr)	56		30 - 130	09/15/20 09:45	09/16/20 00:48	1
2-Fluorophenol (Surr)	60		30 - 130	09/15/20 09:45	09/16/20 00:48	1
2-Fluorobiphenyl (Surr)	75		30 - 130	09/15/20 09:45	09/16/20 00:48	1
2,4,6-Tribromophenol (Surr)	82		30 - 130	09/15/20 09:45	09/16/20 00:48	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	32		11	11	mg/Kg	✱	09/16/20 15:58	09/17/20 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	86		40 - 140	09/16/20 15:58	09/17/20 22:03	1
o-terphenyl (Surr)	79		40 - 140	09/16/20 15:58	09/17/20 22:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.8		1.0	1.0	%			09/10/20 11:59	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-8B

Lab Sample ID: 410-13470-4

Date Collected: 09/08/20 08:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 88.2

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.2		1.0	1.0	%			09/10/20 11:59	1

Client Sample ID: S-16A

Lab Sample ID: 410-13470-5

Date Collected: 09/08/20 09:10

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 96.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,1,1,2-Tetrachloroethane	ND	*3	5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2,3-Trichlorobenzene	ND	*3	11	5.3	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2,4-Trichlorobenzene	ND	*3	11	5.3	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2-Dibromoethane	ND		5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2-Dichlorobenzene	ND	*3	5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,3-Dichlorobenzene	ND	*3	5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
1,4-Dichlorobenzene	ND	*3	5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
2-Butanone	13		11	2.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Acetone	64	B	21	6.4	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Benzene	4.9	J	5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Bromochloromethane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Bromodichloromethane	ND		5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Bromoform	ND		11	5.3	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Bromomethane	ND		5.3	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Carbon disulfide	0.75	J	5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Chloroethane	ND		5.3	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Chloroform	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Chloromethane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
cis-1,3-Dichloropropene	ND		5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Cyclohexane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Dichlorodifluoromethane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Ethylbenzene	1.9	J	5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Freon 113	ND		11	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Isopropylbenzene	ND		5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
m&p-Xylene	4.2	J	5.3	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Methyl acetate	ND		5.3	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Methylcyclohexane	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16A

Lab Sample ID: 410-13470-5

Date Collected: 09/08/20 09:10

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 96.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	2.1	J	5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Styrene	0.96	J	5.3	0.43	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Toluene	11		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Trichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Trichlorofluoromethane	ND		5.3	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1
Xylenes, Total	6.3	J	11	1.5	ug/Kg	✱	09/10/20 18:04	09/14/20 12:08	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	12	T J	ug/Kg	✱	11.98		09/10/20 18:04	09/14/20 12:08	1
Unknown	7.0	T J	ug/Kg	✱	12.27		09/10/20 18:04	09/14/20 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130	09/10/20 18:04	09/14/20 12:08	1
4-Bromofluorobenzene (Surr)	69	X	70 - 130	09/10/20 18:04	09/14/20 12:08	1
Dibromofluoromethane (Surr)	116		70 - 130	09/10/20 18:04	09/14/20 12:08	1
Toluene-d8 (Surr)	108		70 - 130	09/10/20 18:04	09/14/20 12:08	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Acenaphthylene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Anthracene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Benzo[a]anthracene	ND		850	340	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Benzo[a]pyrene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Benzo[b]fluoranthene	180	J	850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Benzo[g,h,i]perylene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Benzo[k]fluoranthene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Chrysene	250	J	850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Dibenz(a,h)anthracene	ND		850	340	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Fluoranthene	170	J	850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Fluorene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Indeno[1,2,3-cd]pyrene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Naphthalene	ND		850	340	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Phenanthrene	ND		850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10
Pyrene	210	J	850	170	ug/Kg	✱	09/15/20 09:45	09/16/20 01:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	62		30 - 130	09/15/20 09:45	09/16/20 01:11	10
Nitrobenzene-d5 (Surr)	51		30 - 130	09/15/20 09:45	09/16/20 01:11	10
p-Terphenyl-d14 (Surr)	86		30 - 130	09/15/20 09:45	09/16/20 01:11	10

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	5.7	J B	17	3.0	mg/Kg	✱	09/10/20 18:06	09/16/20 01:23	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	99		50 - 142	09/10/20 18:06	09/16/20 01:23	250

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16A

Date Collected: 09/08/20 09:10

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-5

Matrix: Solid

Percent Solids: 96.7

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	430		310	130	mg/Kg	☆	09/15/20 09:00	09/16/20 20:29	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -terphenyl (Surr)	106		42 - 143				09/15/20 09:00	09/16/20 20:29	25

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.7	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1221 (1C)	ND		18	4.8	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1232 (1C)	ND		18	8.3	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1242 (1C)	ND		18	3.4	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1248 (1C)	ND		18	3.4	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1254 (1C)	ND		18	3.4	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
PCB-1260 (1C)	ND		18	5.1	ug/Kg	☆	09/14/20 17:30	09/18/20 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	64		30 - 150				09/14/20 17:30	09/18/20 19:48	1
DCB Decachlorobiphenyl (Surr) (2C)	65		30 - 150				09/14/20 17:30	09/18/20 19:48	1
Tetrachloro- <i>m</i> -xylene (1C)	85		30 - 150				09/14/20 17:30	09/18/20 19:48	1
Tetrachloro- <i>m</i> -xylene (2C)	84		30 - 150				09/14/20 17:30	09/18/20 19:48	1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g	☆	09/10/20 18:24	09/11/20 17:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	72		11 - 138				09/10/20 18:24	09/11/20 17:51	1
13C4 PFHpA	81		15 - 139				09/10/20 18:24	09/11/20 17:51	1
13C8 PFOA	82		21 - 133				09/10/20 18:24	09/11/20 17:51	1
13C9 PFNA	92		15 - 145				09/10/20 18:24	09/11/20 17:51	1
13C6 PFDA	79		21 - 134				09/10/20 18:24	09/11/20 17:51	1
13C7 PFUnA	76		15 - 138				09/10/20 18:24	09/11/20 17:51	1
13C2-PFDoDA	78		28 - 126				09/10/20 18:24	09/11/20 17:51	1
13C2 PFTeDA	71		10 - 138				09/10/20 18:24	09/11/20 17:51	1
13C3 PFBS	85		23 - 130				09/10/20 18:24	09/11/20 17:51	1
13C3 PFHxS	78		24 - 136				09/10/20 18:24	09/11/20 17:51	1
13C8 PFOS	86		31 - 130				09/10/20 18:24	09/11/20 17:51	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16A

Date Collected: 09/08/20 09:10

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-5

Matrix: Solid

Percent Solids: 96.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		3.0	1.2	mg/Kg	✱	09/14/20 05:20	09/21/20 06:06	1
Barium	56		0.50	0.15	mg/Kg	✱	09/14/20 05:20	09/17/20 17:18	1
Cadmium	ND		0.50	0.10	mg/Kg	✱	09/14/20 05:20	09/17/20 17:18	1
Chromium	12		1.5	0.18	mg/Kg	✱	09/14/20 05:20	09/17/20 17:18	1
Lead	12		1.5	0.60	mg/Kg	✱	09/14/20 05:20	09/21/20 06:06	1
Selenium	2.7	J	5.0	1.5	mg/Kg	✱	09/14/20 05:20	09/17/20 17:18	1
Silver	ND		1.0	0.40	mg/Kg	✱	09/14/20 05:20	09/17/20 17:18	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 14:35	1
Barium	0.31		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:35	1
Cadmium	0.0010	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:35	1
Chromium	0.0085	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 14:35	1
Lead	0.017		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 12:41	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 14:35	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 14:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.062	0.026	mg/Kg	✱	09/15/20 12:03	09/17/20 19:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>178		50.0	50.0	Degrees F			09/17/20 09:27	1
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:54	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	3.3		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	96.7		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.3		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-16B

Date Collected: 09/08/20 09:15

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-6

Matrix: Solid

Percent Solids: 97.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,1,2,2-Tetrachloroethane	ND	*3	6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,1,2-Trichloroethane	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,1-Dichloroethane	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,1-Dichloroethene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2,3-Trichlorobenzene	ND	*3	12	6.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B

Lab Sample ID: 410-13470-6

Date Collected: 09/08/20 09:15

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 97.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*3	12	6.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2-Dibromo-3-Chloropropane	ND	*3	6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2-Dibromoethane	ND		6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2-Dichlorobenzene	ND	*3	6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2-Dichloroethane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,2-Dichloropropane	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,3-Dichlorobenzene	ND	*3	6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
1,4-Dichlorobenzene	ND	*3	6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
2-Butanone	20		12	2.5	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
2-Hexanone	ND		12	1.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Acetone	110	B	25	7.5	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Benzene	4.9	J	6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Bromochloromethane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Bromodichloromethane	ND		6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Bromoform	ND		12	6.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Bromomethane	ND		6.2	0.87	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Carbon disulfide	1.0	J	6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Carbon tetrachloride	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Chlorobenzene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Chloroethane	ND		6.2	1.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Chloroform	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Chloromethane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
cis-1,3-Dichloropropene	ND		6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Cyclohexane	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Dibromochloromethane	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Dichlorodifluoromethane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Ethylbenzene	1.6	J	6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Freon 113	ND		12	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Isopropylbenzene	ND		6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
m&p-Xylene	3.3	J	6.2	1.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Methyl acetate	ND		6.2	1.2	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Methyl tertiary butyl ether	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Methylcyclohexane	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Methylene Chloride	ND		6.2	2.5	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
o-Xylene	1.7	J	6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Styrene	0.77	J	6.2	0.50	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Tetrachloroethene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Toluene	9.8		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Trichloroethene	ND		6.2	0.62	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Trichlorofluoromethane	ND		6.2	0.87	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Vinyl chloride	ND		6.2	0.75	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1
Xylenes, Total	5.0	J	12	1.7	ug/Kg	✱	09/10/20 18:04	09/14/20 12:31	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
2-Heptanone, 6-methyl-	7.6	T J N	ug/Kg	✱	12.27	928-68-7	09/10/20 18:04	09/14/20 12:31	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B

Lab Sample ID: 410-13470-6

Date Collected: 09/08/20 09:15

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 97.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130	09/10/20 18:04	09/14/20 12:31	1
4-Bromofluorobenzene (Surr)	69	X	70 - 130	09/10/20 18:04	09/14/20 12:31	1
Dibromofluoromethane (Surr)	105		70 - 130	09/10/20 18:04	09/14/20 12:31	1
Toluene-d8 (Surr)	114		70 - 130	09/10/20 18:04	09/14/20 12:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Acenaphthylene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Anthracene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Benzo[a]anthracene	ND		850	340	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Benzo[a]pyrene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Benzo[b]fluoranthene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Benzo[g,h,i]perylene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Benzo[k]fluoranthene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Chrysene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Dibenz(a,h)anthracene	ND		850	340	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Fluoranthene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Fluorene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Indeno[1,2,3-cd]pyrene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Naphthalene	ND		850	340	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Phenanthrene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10
Pyrene	ND		850	170	ug/Kg	☆	09/15/20 09:45	09/16/20 01:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	43		30 - 130	09/15/20 09:45	09/16/20 01:34	10
Nitrobenzene-d5 (Surr)	32		30 - 130	09/15/20 09:45	09/16/20 01:34	10
p-Terphenyl-d14 (Surr)	61		30 - 130	09/15/20 09:45	09/16/20 01:34	10

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	3.8	J B	12	2.2	mg/Kg	☆	09/10/20 18:06	09/16/20 21:07	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	101		50 - 142	09/10/20 18:06	09/16/20 21:07	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	610		610	250	mg/Kg	☆	09/15/20 09:00	09/16/20 22:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	112		42 - 143	09/15/20 09:00	09/16/20 22:08	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1221 (1C)	ND		17	4.7	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1232 (1C)	ND		17	8.1	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1
PCB-1260 (1C)	ND		17	5.0	ug/Kg	☆	09/14/20 17:30	09/18/20 19:59	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B

Date Collected: 09/08/20 09:15

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-6

Matrix: Solid

Percent Solids: 97.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	61		30 - 150	09/14/20 17:30	09/18/20 19:59	1
DCB Decachlorobiphenyl (Surr) (2C)	58		30 - 150	09/14/20 17:30	09/18/20 19:59	1
Tetrachloro-m-xylene (1C)	83		30 - 150	09/14/20 17:30	09/18/20 19:59	1
Tetrachloro-m-xylene (2C)	73		30 - 150	09/14/20 17:30	09/18/20 19:59	1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluoroheptanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorooctanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorononanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorodecanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorotridecanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorotetradecanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorobutanesulfonic acid	ND		2.1	0.41	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorohexanesulfonic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorooctanesulfonic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluoroundecanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Perfluorododecanoic acid	ND		0.62	0.21	ng/g	☆	09/10/20 18:24	09/14/20 12:21	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	71		11 - 138				09/10/20 18:24	09/14/20 12:21	1
13C4 PFHpA	73		15 - 139				09/10/20 18:24	09/14/20 12:21	1
13C8 PFOA	78		21 - 133				09/10/20 18:24	09/14/20 12:21	1
13C9 PFNA	88		15 - 145				09/10/20 18:24	09/14/20 12:21	1
13C6 PFDA	82		21 - 134				09/10/20 18:24	09/14/20 12:21	1
13C7 PFUnA	84		15 - 138				09/10/20 18:24	09/14/20 12:21	1
13C2-PFDoDA	80		28 - 126				09/10/20 18:24	09/14/20 12:21	1
13C2 PFTeDA	80		10 - 138				09/10/20 18:24	09/14/20 12:21	1
13C3 PFBS	83		23 - 130				09/10/20 18:24	09/14/20 12:21	1
13C3 PFHxS	77		24 - 136				09/10/20 18:24	09/14/20 12:21	1
13C8 PFOS	81		31 - 130				09/10/20 18:24	09/14/20 12:21	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		3.0	1.2	mg/Kg	☆	09/11/20 04:46	09/15/20 00:50	1
Barium	42		0.50	0.15	mg/Kg	☆	09/11/20 04:46	09/14/20 16:28	1
Cadmium	0.43	J	0.50	0.10	mg/Kg	☆	09/11/20 04:46	09/14/20 16:28	1
Chromium	9.1		1.5	0.18	mg/Kg	☆	09/11/20 04:46	09/14/20 16:28	1
Lead	13		1.5	0.61	mg/Kg	☆	09/11/20 04:46	09/15/20 00:50	1
Selenium	ND		5.0	1.5	mg/Kg	☆	09/11/20 04:46	09/15/20 00:50	1
Silver	0.74	J	1.0	0.40	mg/Kg	☆	09/11/20 04:46	09/14/20 16:28	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/17/20 13:36	1
Barium	0.30		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:23	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:23	1
Chromium	0.0072	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:23	1
Lead	0.016		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:36	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 15:23	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B

Date Collected: 09/08/20 09:15

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-6

Matrix: Solid

Percent Solids: 97.1

Method: 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:23	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.058	0.024	mg/Kg	☆	09/15/20 12:03	09/17/20 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>183		50.0	50.0	Degrees F			09/17/20 09:27	1
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:55	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	2.9		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	97.1		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.3		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-17A

Date Collected: 09/08/20 09:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-7

Matrix: Solid

Percent Solids: 84.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.58	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.39	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,1,2-Trichloroethane	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2,3-Trichlorobenzene	ND		9.7	4.8	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2,4-Trichlorobenzene	ND		9.7	4.8	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2-Dibromoethane	ND		4.8	0.39	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2-Dichloroethane	ND		4.8	0.58	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,2-Dichloropropane	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
1,4-Dichlorobenzene	ND		4.8	0.39	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
2-Butanone	4.3	J	9.7	1.9	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
2-Hexanone	ND		9.7	0.97	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
4-Methyl-2-pentanone	ND		9.7	0.97	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
Acetone	72	B	19	5.8	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
Benzene	ND		4.8	0.48	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
Bromochloromethane	ND		4.8	0.58	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
Bromodichloromethane	ND		4.8	0.39	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1
Bromoform	ND		9.7	4.8	ug/Kg	☆	09/10/20 18:04	09/14/20 12:53	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17A

Lab Sample ID: 410-13470-7

Date Collected: 09/08/20 09:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 84.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		4.8	0.68	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Carbon disulfide	0.96	J	4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Carbon tetrachloride	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Chlorobenzene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Chloroethane	ND		4.8	0.97	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Chloroform	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Chloromethane	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
cis-1,3-Dichloropropene	ND		4.8	0.39	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Cyclohexane	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Dichlorodifluoromethane	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Ethylbenzene	ND		4.8	0.39	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Freon 113	ND		9.7	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Isopropylbenzene	ND		4.8	0.39	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
m&p-Xylene	ND		4.8	0.97	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Methyl acetate	ND		4.8	0.97	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Methyl tertiary butyl ether	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Methylcyclohexane	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
o-Xylene	ND		4.8	0.39	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Styrene	ND		4.8	0.39	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Toluene	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
trans-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
trans-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Trichloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Trichlorofluoromethane	ND		4.8	0.68	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1
Xylenes, Total	ND		9.7	1.4	ug/Kg	☼	09/10/20 18:04	09/14/20 12:53	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.7	T J	ug/Kg	☼	3.94		09/10/20 18:04	09/14/20 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130	09/10/20 18:04	09/14/20 12:53	1
4-Bromofluorobenzene (Surr)	94		70 - 130	09/10/20 18:04	09/14/20 12:53	1
Dibromofluoromethane (Surr)	110		70 - 130	09/10/20 18:04	09/14/20 12:53	1
Toluene-d8 (Surr)	94		70 - 130	09/10/20 18:04	09/14/20 12:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Acenaphthylene	3.9	J	20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Anthracene	ND		20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Benzo[a]anthracene	12	J	20	7.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Benzo[a]pyrene	16	J	20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Benzo[b]fluoranthene	21		20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Benzo[g,h,i]perylene	18	J	20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1
Benzo[k]fluoranthene	7.2	J	20	3.9	ug/Kg	☼	09/15/20 09:45	09/16/20 01:57	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17A

Lab Sample ID: 410-13470-7

Date Collected: 09/08/20 09:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 84.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	24		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Dibenz(a,h)anthracene	ND		20	7.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Fluoranthene	28		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Fluorene	ND		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Indeno[1,2,3-cd]pyrene	9.5 J		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Naphthalene	ND		20	7.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Phenanthrene	20		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Pyrene	28		20	3.9	ug/Kg	☆	09/15/20 09:45	09/16/20 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		30 - 130				09/15/20 09:45	09/16/20 01:57	1
Nitrobenzene-d5 (Surr)	58		30 - 130				09/15/20 09:45	09/16/20 01:57	1
p-Terphenyl-d14 (Surr)	74		30 - 130				09/15/20 09:45	09/16/20 01:57	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.32 J B		1.2	0.21	mg/Kg	☆	09/10/20 18:06	09/16/20 01:59	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142				09/10/20 18:06	09/16/20 01:59	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		280	120	mg/Kg	☆	09/15/20 09:00	09/16/20 17:11	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	99		42 - 143				09/15/20 09:00	09/16/20 17:11	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1221 (1C)	ND		20	5.3	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1232 (1C)	ND		20	9.3	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1242 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1248 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1254 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
PCB-1260 (1C)	ND		20	5.7	ug/Kg	☆	09/14/20 17:30	09/18/20 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	15 X		30 - 150				09/14/20 17:30	09/18/20 20:11	1
DCB Decachlorobiphenyl (Surr) (2C)	15 X		30 - 150				09/14/20 17:30	09/18/20 20:11	1
Tetrachloro-m-xylene (1C)	33		30 - 150				09/14/20 17:30	09/18/20 20:11	1
Tetrachloro-m-xylene (2C)	28 X		30 - 150				09/14/20 17:30	09/18/20 20:11	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.4	1.4	mg/Kg	☆	09/14/20 05:20	09/21/20 05:49	1
Barium	110		0.57	0.17	mg/Kg	☆	09/14/20 05:20	09/17/20 17:02	1
Cadmium	ND		0.57	0.11	mg/Kg	☆	09/14/20 05:20	09/17/20 17:02	1
Chromium	16		1.7	0.21	mg/Kg	☆	09/14/20 05:20	09/17/20 17:02	1
Lead	24		1.7	0.69	mg/Kg	☆	09/14/20 05:20	09/21/20 05:49	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17A

Date Collected: 09/08/20 09:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-7

Matrix: Solid

Percent Solids: 84.8

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.6	J	5.7	1.7	mg/Kg	☆	09/14/20 05:20	09/17/20 17:02	1
Silver	ND		1.1	0.46	mg/Kg	☆	09/14/20 05:20	09/17/20 17:02	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 15:26	1
Barium	1.2		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:26	1
Cadmium	0.0014	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:26	1
Chromium	0.0045	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:26	1
Lead	0.014	J	0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:39	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 15:26	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:26	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.067	0.028	mg/Kg	☆	09/15/20 12:03	09/17/20 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>182		50.0	50.0	Degrees F			09/17/20 09:27	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/17/20 08:30	09/17/20 22:56	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	15.2		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	84.8		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-17B

Date Collected: 09/08/20 09:45

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-8

Matrix: Solid

Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.54	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,1,2,2-Tetrachloroethane	ND	*3	4.5	0.36	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,1,2-Trichloroethane	ND		4.5	0.45	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,1-Dichloroethane	ND		4.5	0.45	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,1-Dichloroethene	ND		4.5	0.45	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2,3-Trichlorobenzene	ND	*3	9.0	4.5	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2,4-Trichlorobenzene	ND	*3	9.0	4.5	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2-Dibromo-3-Chloropropane	ND	*3	4.5	0.45	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2-Dibromoethane	ND		4.5	0.36	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2-Dichlorobenzene	ND	*3	4.5	0.45	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1
1,2-Dichloroethane	ND		4.5	0.54	ug/Kg	☆	09/10/20 18:04	09/14/20 13:16	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17B

Lab Sample ID: 410-13470-8

Date Collected: 09/08/20 09:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
1,3-Dichlorobenzene	ND	*3	4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
1,4-Dichlorobenzene	ND	*3	4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
2-Butanone	14		9.0	1.8	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
2-Hexanone	ND		9.0	0.90	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
4-Methyl-2-pentanone	ND		9.0	0.90	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Acetone	160	B	18	5.4	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Benzene	1.3	J	4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Bromochloromethane	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Bromodichloromethane	ND		4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Bromoform	ND		9.0	4.5	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Bromomethane	ND		4.5	0.63	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Carbon disulfide	1.2	J	4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Carbon tetrachloride	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Chlorobenzene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Chloroethane	ND		4.5	0.90	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Chloroform	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Chloromethane	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
cis-1,2-Dichloroethene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
cis-1,3-Dichloropropene	ND		4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Cyclohexane	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Dibromochloromethane	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Dichlorodifluoromethane	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Ethylbenzene	0.51	J	4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Freon 113	ND		9.0	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Isopropylbenzene	ND		4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
m&p-Xylene	1.2	J	4.5	0.90	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Methyl acetate	1.5	J	4.5	0.90	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Methyl tertiary butyl ether	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Methylcyclohexane	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Methylene Chloride	ND		4.5	1.8	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
o-Xylene	0.69	J	4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Styrene	ND		4.5	0.36	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Tetrachloroethene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Toluene	2.5	J	4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
trans-1,2-Dichloroethene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
trans-1,3-Dichloropropene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Trichloroethene	ND		4.5	0.45	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Trichlorofluoromethane	ND		4.5	0.63	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Vinyl chloride	ND		4.5	0.54	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1
Xylenes, Total	1.9	J	9.0	1.3	ug/Kg	☼	09/10/20 18:04	09/14/20 13:16	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	37	T J	ug/Kg	☼	3.93		09/10/20 18:04	09/14/20 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130	09/10/20 18:04	09/14/20 13:16	1
4-Bromofluorobenzene (Surr)	78		70 - 130	09/10/20 18:04	09/14/20 13:16	1
Dibromofluoromethane (Surr)	111		70 - 130	09/10/20 18:04	09/14/20 13:16	1
Toluene-d8 (Surr)	105		70 - 130	09/10/20 18:04	09/14/20 13:16	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17B

Lab Sample ID: 410-13470-8

Date Collected: 09/08/20 09:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 92.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Acenaphthylene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Anthracene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Benzo[a]anthracene	ND		180	71	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Benzo[a]pyrene	35	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Benzo[b]fluoranthene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Benzo[g,h,i]perylene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Benzo[k]fluoranthene	35	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Chrysene	61	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Dibenz(a,h)anthracene	ND		180	71	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Fluoranthene	58	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Fluorene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Indeno[1,2,3-cd]pyrene	ND		180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Naphthalene	ND		180	71	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Phenanthrene	45	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10
Pyrene	47	J	180	35	ug/Kg	✱	09/15/20 09:45	09/16/20 02:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	51		30 - 130	09/15/20 09:45	09/16/20 02:20	10
Nitrobenzene-d5 (Surr)	40		30 - 130	09/15/20 09:45	09/16/20 02:20	10
p-Terphenyl-d14 (Surr)	55		30 - 130	09/15/20 09:45	09/16/20 02:20	10

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	2.8	J B	9.8	1.8	mg/Kg	✱	09/10/20 18:06	09/16/20 21:42	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	113		50 - 142	09/10/20 18:06	09/16/20 21:42	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		260	110	mg/Kg	✱	09/15/20 09:00	09/16/20 17:31	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	97		42 - 143	09/15/20 09:00	09/16/20 17:31	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.8	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1221 (1C)	ND		18	4.9	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1232 (1C)	ND		18	8.5	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1242 (1C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1248 (1C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1254 (1C)	ND		18	3.5	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1
PCB-1260 (1C)	ND		18	5.2	ug/Kg	✱	09/14/20 17:30	09/18/20 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	83		30 - 150	09/14/20 17:30	09/18/20 20:23	1
DCB Decachlorobiphenyl (Surr) (2C)	83		30 - 150	09/14/20 17:30	09/18/20 20:23	1
Tetrachloro-m-xylene (1C)	105		30 - 150	09/14/20 17:30	09/18/20 20:23	1
Tetrachloro-m-xylene (2C)	102		30 - 150	09/14/20 17:30	09/18/20 20:23	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17B

Date Collected: 09/08/20 09:45

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-8

Matrix: Solid

Percent Solids: 92.9

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		2.2	0.89	mg/Kg	✱	09/14/20 05:20	09/21/20 06:10	1
Barium	150		0.37	0.11	mg/Kg	✱	09/14/20 05:20	09/17/20 17:21	1
Cadmium	ND		0.37	0.074	mg/Kg	✱	09/14/20 05:20	09/17/20 17:21	1
Chromium	23		1.1	0.13	mg/Kg	✱	09/14/20 05:20	09/17/20 17:21	1
Lead	23		1.1	0.45	mg/Kg	✱	09/14/20 05:20	09/21/20 06:10	1
Selenium	2.9	J	3.7	1.1	mg/Kg	✱	09/14/20 05:20	09/17/20 17:21	1
Silver	ND		0.74	0.30	mg/Kg	✱	09/14/20 05:20	09/17/20 17:21	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/17/20 13:43	1
Barium	0.85		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:30	1
Cadmium	0.0022	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:30	1
Chromium	0.0058	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:30	1
Lead	0.031		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:43	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 15:30	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:30	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.063	0.026	mg/Kg	✱	09/15/20 12:03	09/17/20 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>174		50.0	50.0	Degrees F			09/17/20 09:27	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/17/20 08:30	09/17/20 22:58	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	7.1		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	92.9		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.6		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-18A

Date Collected: 09/08/20 11:35

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-9

Matrix: Solid

Percent Solids: 86.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1
1,1,2,2-Tetrachloroethane	ND	*3	5.7	0.46	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1
1,1,2-Trichloroethane	ND		5.7	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1
1,2,3-Trichlorobenzene	ND	*3	11	5.7	ug/Kg	✱	09/10/20 18:04	09/14/20 13:39	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Date Collected: 09/08/20 11:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 86.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*3	11	5.7	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,2-Dibromoethane	ND		5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,2-Dichlorobenzene	ND	*3	5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,2-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,2-Dichloropropane	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,3-Dichlorobenzene	ND	*3	5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
1,4-Dichlorobenzene	ND	*3	5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
2-Butanone	20		11	2.3	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
2-Hexanone	15		11	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Acetone	110	B	23	6.9	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Benzene	2.7	J	5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Bromochloromethane	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Bromodichloromethane	ND		5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Bromoform	ND		11	5.7	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Bromomethane	ND		5.7	0.80	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Carbon disulfide	0.86	J	5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Carbon tetrachloride	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Chlorobenzene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Chloroform	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Chloromethane	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
cis-1,3-Dichloropropene	ND		5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Cyclohexane	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Dichlorodifluoromethane	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Ethylbenzene	1.0	J	5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Freon 113	ND		11	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Isopropylbenzene	ND		5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
m&p-Xylene	2.5	J	5.7	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Methyl acetate	3.4	J	5.7	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Methyl tertiary butyl ether	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Methylcyclohexane	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
o-Xylene	1.3	J	5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Styrene	0.48	J	5.7	0.46	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Toluene	6.4		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Trichlorofluoromethane	ND		5.7	0.80	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1
Xylenes, Total	3.8	J	11	1.6	ug/Kg	☼	09/10/20 18:04	09/14/20 13:39	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8.2	T J	ug/Kg	☼	10.32		09/10/20 18:04	09/14/20 13:39	1
Unknown	14	T J	ug/Kg	☼	11.19		09/10/20 18:04	09/14/20 13:39	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Date Collected: 09/08/20 11:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 86.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heptanal	11	T J N	ug/Kg	⊛	11.69	111-71-7	09/10/20 18:04	09/14/20 13:39	1
2-Heptanone, 6-methyl-	52	T J N	ug/Kg	⊛	12.26	928-68-7	09/10/20 18:04	09/14/20 13:39	1
2-Octanone	13	T J N	ug/Kg	⊛	12.61	111-13-7	09/10/20 18:04	09/14/20 13:39	1
Octanal	15	T J N	ug/Kg	⊛	12.70	124-13-0	09/10/20 18:04	09/14/20 13:39	1
Unknown	45	T J	ug/Kg	⊛	13.13		09/10/20 18:04	09/14/20 13:39	1
Unknown	20	T J	ug/Kg	⊛	13.22		09/10/20 18:04	09/14/20 13:39	1
Cyclohexanone, 3,3,5-trimethyl-	20	T J N	ug/Kg	⊛	13.27	873-94-9	09/10/20 18:04	09/14/20 13:39	1
2-Nonanone	13	T J N	ug/Kg	⊛	13.44	821-55-6	09/10/20 18:04	09/14/20 13:39	1
Unknown	12	T J	ug/Kg	⊛	13.53		09/10/20 18:04	09/14/20 13:39	1
Unknown	12	T J	ug/Kg	⊛	13.60		09/10/20 18:04	09/14/20 13:39	1
Unknown	34	T J	ug/Kg	⊛	13.77		09/10/20 18:04	09/14/20 13:39	1
Unknown	11	T J	ug/Kg	⊛	13.88		09/10/20 18:04	09/14/20 13:39	1
Unknown	9.3	T J	ug/Kg	⊛	14.16		09/10/20 18:04	09/14/20 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/10/20 18:04	09/14/20 13:39	1
4-Bromofluorobenzene (Surr)	72		70 - 130	09/10/20 18:04	09/14/20 13:39	1
Dibromofluoromethane (Surr)	112		70 - 130	09/10/20 18:04	09/14/20 13:39	1
Toluene-d8 (Surr)	113		70 - 130	09/10/20 18:04	09/14/20 13:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.6	J	19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Acenaphthylene	7.5	J	19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Anthracene	20		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Benzo[a]anthracene	85		19	7.7	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Benzo[a]pyrene	91		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Benzo[b]fluoranthene	170		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Benzo[g,h,i]perylene	99		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Benzo[k]fluoranthene	58		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Chrysene	180		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Dibenz(a,h)anthracene	ND		19	7.7	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Fluoranthene	250		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Fluorene	5.7	J	19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Indeno[1,2,3-cd]pyrene	93		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Naphthalene	ND		19	7.7	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Phenanthrene	110		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1
Pyrene	190		19	3.9	ug/Kg	⊛	09/15/20 09:00	09/16/20 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130	09/15/20 09:00	09/16/20 13:31	1
Nitrobenzene-d5 (Surr)	64		30 - 130	09/15/20 09:00	09/16/20 13:31	1
p-Terphenyl-d14 (Surr)	76		30 - 130	09/15/20 09:00	09/16/20 13:31	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	5.4	J B	15	2.7	mg/Kg	⊛	09/10/20 18:06	09/16/20 02:35	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	99		50 - 142	09/10/20 18:06	09/16/20 02:35	250

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A

Date Collected: 09/08/20 11:35

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-9

Matrix: Solid

Percent Solids: 86.1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		280	120	mg/Kg	☆	09/15/20 09:00	09/16/20 18:30	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -terphenyl (Surr)	100		42 - 143				09/15/20 09:00	09/16/20 18:30	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1221 (1C)	ND		20	5.3	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1232 (1C)	ND		20	9.2	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1242 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1248 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1254 (1C)	ND		20	3.8	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
PCB-1260 (1C)	ND		20	5.7	ug/Kg	☆	09/14/20 17:30	09/18/20 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	49		30 - 150				09/14/20 17:30	09/18/20 20:35	1
DCB Decachlorobiphenyl (Surr) (2C)	49		30 - 150				09/14/20 17:30	09/18/20 20:35	1
Tetrachloro- <i>m</i> -xylene (1C)	65		30 - 150				09/14/20 17:30	09/18/20 20:35	1
Tetrachloro- <i>m</i> -xylene (2C)	66		30 - 150				09/14/20 17:30	09/18/20 20:35	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		2.4	0.95	mg/Kg	☆	09/11/20 04:46	09/15/20 00:27	1
Barium	77		0.40	0.12	mg/Kg	☆	09/11/20 04:46	09/14/20 16:08	1
Cadmium	0.34	J	0.40	0.079	mg/Kg	☆	09/11/20 04:46	09/14/20 16:08	1
Chromium	25		1.2	0.14	mg/Kg	☆	09/11/20 04:46	09/14/20 16:08	1
Lead	15		1.2	0.47	mg/Kg	☆	09/11/20 04:46	09/15/20 00:27	1
Selenium	ND		4.0	1.2	mg/Kg	☆	09/11/20 04:46	09/15/20 00:27	1
Silver	0.74	J	0.79	0.32	mg/Kg	☆	09/11/20 04:46	09/14/20 16:08	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 15:34	1
Barium	0.33		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:34	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:34	1
Chromium	0.0044	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:34	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:10	09/16/20 15:34	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/17/20 13:47	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.066	0.028	mg/Kg	☆	09/15/20 12:03	09/17/20 19:11	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Date Collected: 09/08/20 11:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 86.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>171		50.0	50.0	Degrees F			09/17/20 11:00	1
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:59	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	13.9		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	86.1		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.1		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-18B

Lab Sample ID: 410-13470-10

Date Collected: 09/08/20 11:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.38	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,1,2-Trichloroethane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2,3-Trichlorobenzene	ND		9.5	4.8	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2,4-Trichlorobenzene	ND		9.5	4.8	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2-Dibromoethane	ND		4.8	0.38	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2-Dichloroethane	ND		4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,2-Dichloropropane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
1,4-Dichlorobenzene	ND		4.8	0.38	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
2-Butanone	5.8	J	9.5	1.9	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
2-Hexanone	ND		9.5	0.95	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
4-Methyl-2-pentanone	ND		9.5	0.95	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Acetone	110	B	19	5.7	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Benzene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Bromochloromethane	ND		4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Bromodichloromethane	ND		4.8	0.38	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Bromoform	ND		9.5	4.8	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Bromomethane	ND		4.8	0.67	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Carbon disulfide	4.6	J	4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Carbon tetrachloride	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Chlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Chloroethane	ND		4.8	0.95	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Chloroform	ND		4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Chloromethane	ND		4.8	0.57	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
cis-1,3-Dichloropropene	ND		4.8	0.38	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Cyclohexane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	✱	09/10/20 18:04	09/14/20 14:01	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18B

Lab Sample ID: 410-13470-10

Date Collected: 09/08/20 11:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		4.8	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Ethylbenzene	ND		4.8	0.38	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Freon 113	ND		9.5	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Isopropylbenzene	ND		4.8	0.38	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
m&p-Xylene	ND		4.8	0.95	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Methyl acetate	ND		4.8	0.95	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Methyl tertiary butyl ether	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Methylcyclohexane	ND		4.8	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
o-Xylene	ND		4.8	0.38	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Styrene	ND		4.8	0.38	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Toluene	0.61	J	4.8	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
trans-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
trans-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Trichloroethene	ND		4.8	0.48	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Trichlorofluoromethane	ND		4.8	0.67	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Vinyl chloride	ND		4.8	0.57	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1
Xylenes, Total	ND		9.5	1.3	ug/Kg	☼	09/10/20 18:04	09/14/20 14:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.6	T J	ug/Kg	☼	3.94		09/10/20 18:04	09/14/20 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130	09/10/20 18:04	09/14/20 14:01	1
4-Bromofluorobenzene (Surr)	93		70 - 130	09/10/20 18:04	09/14/20 14:01	1
Dibromofluoromethane (Surr)	108		70 - 130	09/10/20 18:04	09/14/20 14:01	1
Toluene-d8 (Surr)	95		70 - 130	09/10/20 18:04	09/14/20 14:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Acenaphthylene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Anthracene	4.1	J	20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Benzo[a]anthracene	ND		20	8.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Benzo[a]pyrene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Benzo[b]fluoranthene	25		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Benzo[g,h,i]perylene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Benzo[k]fluoranthene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Chrysene	18	J	20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Dibenz(a,h)anthracene	ND		20	8.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Fluoranthene	19	J	20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Fluorene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Indeno[1,2,3-cd]pyrene	ND		20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Naphthalene	ND		20	8.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Phenanthrene	12	J	20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1
Pyrene	16	J	20	4.0	ug/Kg	☼	09/15/20 09:00	09/16/20 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	70		30 - 130	09/15/20 09:00	09/16/20 13:54	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18B

Date Collected: 09/08/20 11:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-10

Matrix: Solid

Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	56		30 - 130	09/15/20 09:00	09/16/20 13:54	1
p-Terphenyl-d14 (Surr)	80		30 - 130	09/15/20 09:00	09/16/20 13:54	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.32	J B	1.1	0.21	mg/Kg	☆	09/10/20 18:06	09/16/20 03:11	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	108		50 - 142	09/10/20 18:06	09/16/20 03:11	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		290	120	mg/Kg	☆	09/15/20 09:00	09/16/20 18:50	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	90		42 - 143	09/15/20 09:00	09/16/20 18:50	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.3	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1221 (1C)	ND		20	5.5	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1232 (1C)	ND		20	9.6	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1254 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1
PCB-1260 (1C)	ND		20	5.9	ug/Kg	☆	09/16/20 09:15	09/18/20 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	87		30 - 150	09/16/20 09:15	09/18/20 15:17	1
DCB Decachlorobiphenyl (Surr) (2C)	96		30 - 150	09/16/20 09:15	09/18/20 15:17	1
Tetrachloro-m-xylene (1C)	88		30 - 150	09/16/20 09:15	09/18/20 15:17	1
Tetrachloro-m-xylene (2C)	97		30 - 150	09/16/20 09:15	09/18/20 15:17	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0	J	12	4.9	mg/Kg	☆	09/11/20 04:46	09/15/20 01:03	5
Barium	260		2.1	0.62	mg/Kg	☆	09/11/20 04:46	09/14/20 16:45	5
Cadmium	0.63	J	2.1	0.41	mg/Kg	☆	09/11/20 04:46	09/14/20 16:45	5
Chromium	42		6.2	0.74	mg/Kg	☆	09/11/20 04:46	09/14/20 16:45	5
Lead	22		6.2	2.5	mg/Kg	☆	09/11/20 04:46	09/15/20 01:03	5
Selenium	ND		21	6.2	mg/Kg	☆	09/11/20 04:46	09/15/20 01:03	5
Silver	ND		4.1	1.6	mg/Kg	☆	09/11/20 04:46	09/14/20 16:45	5

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 15:37	1
Barium	0.60		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:37	1
Cadmium	0.0016	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:37	1
Chromium	0.0049	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:37	1
Lead	0.0088	J	0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:50	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 15:37	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18B

Date Collected: 09/08/20 11:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-10

Matrix: Solid

Percent Solids: 83.3

Method: 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.070	0.029	mg/Kg	☆	09/15/20 12:03	09/17/20 19:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>173		50.0	50.0	Degrees F			09/17/20 11:00	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/17/20 08:30	09/17/20 23:03	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	16.7		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	83.3		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-19A

Date Collected: 09/08/20 11:00

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-11

Matrix: Solid

Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.50	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.33	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,1,2-Trichloroethane	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,1-Dichloroethane	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,1-Dichloroethene	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2,3-Trichlorobenzene	ND		8.3	4.2	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2,4-Trichlorobenzene	ND		8.3	4.2	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2-Dibromo-3-Chloropropane	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2-Dibromoethane	ND		4.2	0.33	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2-Dichlorobenzene	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2-Dichloroethane	ND		4.2	0.50	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,2-Dichloropropane	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,3-Dichlorobenzene	ND		4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
1,4-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
2-Butanone	9.8		8.3	1.7	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
2-Hexanone	ND		8.3	0.83	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
4-Methyl-2-pentanone	ND		8.3	0.83	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
Acetone	97	B	17	5.0	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
Benzene	0.44	J	4.2	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
Bromochloromethane	ND		4.2	0.50	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
Bromodichloromethane	ND		4.2	0.33	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1
Bromoform	ND		8.3	4.2	ug/Kg	☆	09/10/20 18:04	09/14/20 14:24	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19A

Lab Sample ID: 410-13470-11

Date Collected: 09/08/20 11:00

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		4.2	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Carbon disulfide	1.3	J	4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Carbon tetrachloride	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Chlorobenzene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Chloroethane	ND		4.2	0.83	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Chloroform	ND		4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Chloromethane	ND		4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
cis-1,2-Dichloroethene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
cis-1,3-Dichloropropene	ND		4.2	0.33	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Cyclohexane	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Dibromochloromethane	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Dichlorodifluoromethane	ND		4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Ethylbenzene	ND		4.2	0.33	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Freon 113	ND		8.3	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Isopropylbenzene	ND		4.2	0.33	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
m&p-Xylene	ND		4.2	0.83	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Methyl acetate	ND		4.2	0.83	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Methyl tertiary butyl ether	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Methylcyclohexane	ND		4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Methylene Chloride	ND		4.2	1.7	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
o-Xylene	ND		4.2	0.33	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Styrene	ND		4.2	0.33	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Tetrachloroethene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Toluene	0.53	J	4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
trans-1,2-Dichloroethene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
trans-1,3-Dichloropropene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Trichloroethene	ND		4.2	0.42	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Trichlorofluoromethane	ND		4.2	0.58	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Vinyl chloride	ND		4.2	0.50	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1
Xylenes, Total	ND		8.3	1.2	ug/Kg	☼	09/10/20 18:04	09/14/20 14:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	4.6	T J	ug/Kg	☼	3.95		09/10/20 18:04	09/14/20 14:24	1
Unknown	5.3	T J	ug/Kg	☼	13.14		09/10/20 18:04	09/14/20 14:24	1
Dodecane	5.5	T J N	ug/Kg	☼	13.88	112-40-3	09/10/20 18:04	09/14/20 14:24	1
Unknown	6.8	T J	ug/Kg	☼	13.93		09/10/20 18:04	09/14/20 14:24	1
Tridecane	7.9	T J N	ug/Kg	☼	14.53	629-50-5	09/10/20 18:04	09/14/20 14:24	1
Naphthalene,	5.4	T J N	ug/Kg	☼	14.75	1680-51-9	09/10/20 18:04	09/14/20 14:24	1
1,2,3,4-tetrahydro-6-methyl-									
Naphthalene,	6.9	T J N	ug/Kg	☼	14.96	2809-64-5	09/10/20 18:04	09/14/20 14:24	1
1,2,3,4-tetrahydro-5-methyl-									
Naphthalene,	4.3	T J N	ug/Kg	☼	15.09	4175-54-6	09/10/20 18:04	09/14/20 14:24	1
1,2,3,4-tetrahydro-1,4-dimethyl-									
Naphthalene, 2-methyl-	9.0	T J N	ug/Kg	☼	15.13	91-57-6	09/10/20 18:04	09/14/20 14:24	1
Tetradecane	9.4	T J N	ug/Kg	☼	15.15	629-59-4	09/10/20 18:04	09/14/20 14:24	1
Naphthalene, 1-methyl-	9.7	T J N	ug/Kg	☼	15.26	90-12-0	09/10/20 18:04	09/14/20 14:24	1
Pentadecane	5.2	T J N	ug/Kg	☼	15.83	629-62-9	09/10/20 18:04	09/14/20 14:24	1
Naphthalene, 2,7-dimethyl-	5.1	T J N	ug/Kg	☼	15.92	582-16-1	09/10/20 18:04	09/14/20 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130	09/10/20 18:04	09/14/20 14:24	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19A

Date Collected: 09/08/20 11:00

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-11

Matrix: Solid

Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/10/20 18:04	09/14/20 14:24	1
Dibromofluoromethane (Surr)	108		70 - 130	09/10/20 18:04	09/14/20 14:24	1
Toluene-d8 (Surr)	104		70 - 130	09/10/20 18:04	09/14/20 14:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	17	J	18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Acenaphthylene	12	J	18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Anthracene	38		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Benzo[a]anthracene	110		18	7.1	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Benzo[a]pyrene	150		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Benzo[b]fluoranthene	240		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Benzo[g,h,i]perylene	140		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Benzo[k]fluoranthene	89		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Chrysene	220		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Dibenz(a,h)anthracene	ND		18	7.1	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Fluoranthene	370		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Fluorene	ND		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Indeno[1,2,3-cd]pyrene	120		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Naphthalene	30		18	7.1	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Phenanthrene	250		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Pyrene	300		18	3.6	ug/Kg	☼	09/15/20 09:00	09/16/20 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59		30 - 130				09/15/20 09:00	09/16/20 14:18	1
Nitrobenzene-d5 (Surr)	54		30 - 130				09/15/20 09:00	09/16/20 14:18	1
p-Terphenyl-d14 (Surr)	68		30 - 130				09/15/20 09:00	09/16/20 14:18	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	4.1	J B	10	1.9	mg/Kg	☼	09/10/20 18:06	09/16/20 04:23	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	114		50 - 142				09/10/20 18:06	09/16/20 04:23	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	300	J	320	130	mg/Kg	☼	09/15/20 09:00	09/16/20 21:28	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	124		42 - 143				09/15/20 09:00	09/16/20 21:28	25

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.8	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1221 (1C)	ND		18	4.9	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1232 (1C)	ND		18	8.5	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1242 (1C)	ND		18	3.5	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1248 (1C)	ND		18	3.5	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1254 (1C)	ND		18	3.5	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1
PCB-1260 (1C)	ND		18	5.2	ug/Kg	☆	09/16/20 09:15	09/18/20 15:29	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19A

Lab Sample ID: 410-13470-11

Date Collected: 09/08/20 11:00

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	67		30 - 150	09/16/20 09:15	09/18/20 15:29	1
DCB Decachlorobiphenyl (Surr) (2C)	75		30 - 150	09/16/20 09:15	09/18/20 15:29	1
Tetrachloro-m-xylene (1C)	73		30 - 150	09/16/20 09:15	09/18/20 15:29	1
Tetrachloro-m-xylene (2C)	76		30 - 150	09/16/20 09:15	09/18/20 15:29	1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluoroheptanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorooctanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorononanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorodecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorotridecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorotetradecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorobutanesulfonic acid	ND		2.2	0.43	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorohexanesulfonic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorooctanesulfonic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluoroundecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Perfluorododecanoic acid	ND		0.65	0.22	ng/g	☆	09/10/20 18:24	09/11/20 18:21	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	85		11 - 138				09/10/20 18:24	09/11/20 18:21	1
13C4 PFHpA	84		15 - 139				09/10/20 18:24	09/11/20 18:21	1
13C8 PFOA	87		21 - 133				09/10/20 18:24	09/11/20 18:21	1
13C9 PFNA	75		15 - 145				09/10/20 18:24	09/11/20 18:21	1
13C6 PFDA	80		21 - 134				09/10/20 18:24	09/11/20 18:21	1
13C7 PFUnA	85		15 - 138				09/10/20 18:24	09/11/20 18:21	1
13C2-PFDoDA	83		28 - 126				09/10/20 18:24	09/11/20 18:21	1
13C2 PFTeDA	89		10 - 138				09/10/20 18:24	09/11/20 18:21	1
13C3 PFBS	82		23 - 130				09/10/20 18:24	09/11/20 18:21	1
13C3 PFHxS	91		24 - 136				09/10/20 18:24	09/11/20 18:21	1
13C8 PFOS	80		31 - 130				09/10/20 18:24	09/11/20 18:21	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3	0.92	mg/Kg	☆	09/11/20 04:46	09/15/20 00:42	1
Barium	44		0.38	0.12	mg/Kg	☆	09/11/20 04:46	09/14/20 16:22	1
Cadmium	0.37	J	0.38	0.077	mg/Kg	☆	09/11/20 04:46	09/14/20 16:22	1
Chromium	15		1.2	0.14	mg/Kg	☆	09/11/20 04:46	09/14/20 16:22	1
Lead	11		1.2	0.46	mg/Kg	☆	09/11/20 04:46	09/15/20 00:42	1
Selenium	ND		3.8	1.2	mg/Kg	☆	09/11/20 04:46	09/15/20 00:42	1
Silver	ND		3.8	1.5	mg/Kg	☆	09/11/20 04:46	09/14/20 16:48	5

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 15:41	1
Barium	0.33		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:41	1
Cadmium	0.0014	J	0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:41	1
Chromium	0.0061	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:41	1
Lead	0.046		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:54	1
Selenium	ND	*	0.050	0.016	mg/L		09/14/20 11:10	09/16/20 15:41	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19A

Date Collected: 09/08/20 11:00

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-11

Matrix: Solid

Percent Solids: 93.0

Method: 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:41	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.063	0.026	mg/Kg	☆	09/15/20 12:03	09/17/20 19:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		50.0	50.0	Degrees F			09/17/20 11:21	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/17/20 08:30	09/17/20 23:04	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	7.0		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	93.0		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.2		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-19B

Date Collected: 09/08/20 11:05

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-12

Matrix: Solid

Percent Solids: 93.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.44	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,1,2-Trichloroethane	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2,3-Trichlorobenzene	ND		11	5.5	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2,4-Trichlorobenzene	ND		11	5.5	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2-Dibromo-3-Chloropropane	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2-Dibromoethane	ND		5.5	0.44	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2-Dichlorobenzene	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2-Dichloroethane	ND		5.5	0.66	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,2-Dichloropropane	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,3-Dichlorobenzene	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
1,4-Dichlorobenzene	ND		5.5	0.44	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
2-Butanone	15		11	2.2	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
2-Hexanone	ND		11	1.1	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
4-Methyl-2-pentanone	1.1	J	11	1.1	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
Acetone	160	B	22	6.6	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
Benzene	ND		5.5	0.55	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
Bromochloromethane	ND		5.5	0.66	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
Bromodichloromethane	ND		5.5	0.44	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1
Bromoform	ND		11	5.5	ug/Kg	☆	09/10/20 18:04	09/14/20 14:46	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Date Collected: 09/08/20 11:05

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.5	0.77	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Carbon disulfide	1.6	J	5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Carbon tetrachloride	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Chlorobenzene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Chloroform	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Chloromethane	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
cis-1,3-Dichloropropene	ND		5.5	0.44	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Cyclohexane	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Dibromochloromethane	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Dichlorodifluoromethane	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Ethylbenzene	ND		5.5	0.44	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Freon 113	ND		11	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Isopropylbenzene	ND		5.5	0.44	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
m&p-Xylene	ND		5.5	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Methyl acetate	3.3	J	5.5	1.1	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Methyl tertiary butyl ether	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Methylcyclohexane	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Methylene Chloride	ND		5.5	2.2	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
o-Xylene	ND		5.5	0.44	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Styrene	ND		5.5	0.44	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Toluene	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
trans-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
trans-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Trichlorofluoromethane	ND		5.5	0.77	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1
Xylenes, Total	ND		11	1.5	ug/Kg	☼	09/10/20 18:04	09/14/20 14:46	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.0	T J	ug/Kg	☼	13.14		09/10/20 18:04	09/14/20 14:46	1
Unknown	8.5	T J	ug/Kg	☼	13.93		09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	6.3	T J N	ug/Kg	☼	14.75	1680-51-9	09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	6.2	T J N	ug/Kg	☼	14.96	2809-64-5	09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 2-methyl-	20	T J N	ug/Kg	☼	15.13	91-57-6	09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 1-methyl-	13	T J N	ug/Kg	☼	15.26	90-12-0	09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 2-ethyl-	5.9	T J N	ug/Kg	☼	15.83	939-27-5	09/10/20 18:04	09/14/20 14:46	1
Naphthalene, 2,6-dimethyl-	7.8	T J N	ug/Kg	☼	15.92	581-42-0	09/10/20 18:04	09/14/20 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130	09/10/20 18:04	09/14/20 14:46	1
4-Bromofluorobenzene (Surr)	84		70 - 130	09/10/20 18:04	09/14/20 14:46	1
Dibromofluoromethane (Surr)	110		70 - 130	09/10/20 18:04	09/14/20 14:46	1
Toluene-d8 (Surr)	100		70 - 130	09/10/20 18:04	09/14/20 14:46	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Date Collected: 09/08/20 11:05

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Acenaphthylene	ND		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Anthracene	36		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Benzo[a]anthracene	100		18	7.1	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Benzo[a]pyrene	140		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Benzo[b]fluoranthene	220		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Benzo[g,h,i]perylene	140		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Benzo[k]fluoranthene	98		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Chrysene	210		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Dibenz(a,h)anthracene	ND		18	7.1	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Fluoranthene	380		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Fluorene	ND		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Indeno[1,2,3-cd]pyrene	130		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Naphthalene	29		18	7.1	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Phenanthrene	260		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Pyrene	280		18	3.5	ug/Kg	✱	09/15/20 09:00	09/16/20 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130				09/15/20 09:00	09/16/20 14:41	1
Nitrobenzene-d5 (Surr)	65		30 - 130				09/15/20 09:00	09/16/20 14:41	1
p-Terphenyl-d14 (Surr)	80		30 - 130				09/15/20 09:00	09/16/20 14:41	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	4.1	J B	15	2.7	mg/Kg	✱	09/10/20 18:06	09/16/20 22:18	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	94		50 - 142				09/10/20 18:06	09/16/20 22:18	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	210	J	320	130	mg/Kg	✱	09/15/20 09:00	09/16/20 21:48	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	113		42 - 143				09/15/20 09:00	09/16/20 21:48	25

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		18	3.8	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1221 (1C)	ND		18	4.9	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1232 (1C)	ND		18	8.5	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1242 (1C)	ND		18	3.5	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1248 (1C)	ND		18	3.5	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1254 (1C)	ND		18	3.5	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
PCB-1260 (1C)	ND		18	5.2	ug/Kg	✱	09/25/20 09:25	09/26/20 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	42		30 - 150				09/25/20 09:25	09/26/20 15:30	1
DCB Decachlorobiphenyl (Surr) (2C)	49		30 - 150				09/25/20 09:25	09/26/20 15:30	1
Tetrachloro-m-xylene (1C)	59		30 - 150				09/25/20 09:25	09/26/20 15:30	1
Tetrachloro-m-xylene (2C)	57		30 - 150				09/25/20 09:25	09/26/20 15:30	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Date Collected: 09/08/20 11:05

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.9

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluoroheptanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorooctanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorononanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorodecanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorotridecanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorotetradecanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorobutanesulfonic acid	ND		2.1	0.42	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorohexanesulfonic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorooctanesulfonic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluoroundecanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Perfluorododecanoic acid	ND		0.63	0.21	ng/g	✱	09/10/20 18:24	09/11/20 18:30	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFHxA	80		11 - 138				09/10/20 18:24	09/11/20 18:30	1
13C4 PFHpA	80		15 - 139				09/10/20 18:24	09/11/20 18:30	1
13C8 PFOA	82		21 - 133				09/10/20 18:24	09/11/20 18:30	1
13C9 PFNA	75		15 - 145				09/10/20 18:24	09/11/20 18:30	1
13C6 PFDA	80		21 - 134				09/10/20 18:24	09/11/20 18:30	1
13C7 PFUnA	89		15 - 138				09/10/20 18:24	09/11/20 18:30	1
13C2-PFDoDA	86		28 - 126				09/10/20 18:24	09/11/20 18:30	1
13C2 PFTeDA	84		10 - 138				09/10/20 18:24	09/11/20 18:30	1
13C3 PFBS	87		23 - 130				09/10/20 18:24	09/11/20 18:30	1
13C3 PFHxS	84		24 - 136				09/10/20 18:24	09/11/20 18:30	1
13C8 PFOS	79		31 - 130				09/10/20 18:24	09/11/20 18:30	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		2.6	1.0	mg/Kg	✱	09/11/20 04:46	09/15/20 00:46	1
Barium	67		0.43	0.13	mg/Kg	✱	09/11/20 04:46	09/14/20 16:25	1
Cadmium	0.36 J		0.43	0.087	mg/Kg	✱	09/11/20 04:46	09/14/20 16:25	1
Chromium	23		1.3	0.16	mg/Kg	✱	09/11/20 04:46	09/14/20 16:25	1
Lead	17		1.3	0.52	mg/Kg	✱	09/11/20 04:46	09/15/20 00:46	1
Selenium	ND		4.3	1.3	mg/Kg	✱	09/11/20 04:46	09/15/20 00:46	1
Silver	ND		4.3	1.7	mg/Kg	✱	09/11/20 04:46	09/14/20 16:52	5

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.023 J B		0.030	0.016	mg/L		09/14/20 11:10	09/17/20 13:57	1
Barium	0.38		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:44	1
Cadmium	0.0015 J		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 15:44	1
Chromium	0.0054 J		0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 15:44	1
Lead	0.017		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 13:57	1
Selenium	0.029 J B *		0.050	0.016	mg/L		09/14/20 11:10	09/17/20 13:57	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 15:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:49	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B

Date Collected: 09/08/20 11:05

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-12

Matrix: Solid

Percent Solids: 93.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.025	mg/Kg	☆	09/15/20 12:03	09/17/20 19:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>181		50.0	50.0	Degrees F			09/17/20 12:34	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/17/20 08:30	09/17/20 23:06	1
Sulfide, Reactive	ND	F1	160	52	mg/Kg		09/17/20 08:30	09/17/20 12:22	1
Percent Moisture	6.1		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	93.9		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-20A

Date Collected: 09/08/20 10:25

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-13

Matrix: Solid

Percent Solids: 89.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,1,2,2-Tetrachloroethane	ND	*3	5.3	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2,3-Trichlorobenzene	ND	*3	11	5.3	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2,4-Trichlorobenzene	ND	*3	11	5.3	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2-Dibromoethane	ND		5.3	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2-Dichlorobenzene	ND	*3	5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2-Dichloroethane	ND		5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,3-Dichlorobenzene	ND	*3	5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
1,4-Dichlorobenzene	ND	*3	5.3	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
2-Butanone	11		11	2.1	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
2-Hexanone	ND		11	1.1	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
4-Methyl-2-pentanone	2.1	J	11	1.1	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Acetone	100	B	21	6.3	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Benzene	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Bromochloromethane	ND		5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Bromodichloromethane	ND		5.3	0.42	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Bromoform	ND		11	5.3	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Bromomethane	ND		5.3	0.74	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Carbon disulfide	2.2	J	5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Chloroethane	ND		5.3	1.1	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Chloroform	ND		5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1
Chloromethane	ND		5.3	0.63	ug/Kg	☆	09/10/20 18:04	09/14/20 15:09	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20A

Lab Sample ID: 410-13470-13

Date Collected: 09/08/20 10:25

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 89.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
cis-1,3-Dichloropropene	ND		5.3	0.42	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Cyclohexane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Dichlorodifluoromethane	ND		5.3	0.63	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Ethylbenzene	ND		5.3	0.42	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Freon 113	ND		11	0.63	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Isopropylbenzene	ND		5.3	0.42	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
m&p-Xylene	ND		5.3	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Methyl acetate	ND		5.3	1.1	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Methylcyclohexane	ND		5.3	0.63	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
o-Xylene	ND		5.3	0.42	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Styrene	ND		5.3	0.42	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Toluene	0.79	J	5.3	0.63	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Trichloroethene	ND		5.3	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Trichlorofluoromethane	ND		5.3	0.74	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1
Xylenes, Total	ND		11	1.5	ug/Kg	✱	09/10/20 18:04	09/14/20 15:09	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.1	T J	ug/Kg	✱	3.94		09/10/20 18:04	09/14/20 15:09	1
Cyclohexane, 1,2,4-trimethyl-, (1.alpha.,2.beta.,4.beta.)-	5.8	T J N	ug/Kg	✱	10.72	7667-60-9	09/10/20 18:04	09/14/20 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130	09/10/20 18:04	09/14/20 15:09	1
4-Bromofluorobenzene (Surr)	76		70 - 130	09/10/20 18:04	09/14/20 15:09	1
Dibromofluoromethane (Surr)	110		70 - 130	09/10/20 18:04	09/14/20 15:09	1
Toluene-d8 (Surr)	106		70 - 130	09/10/20 18:04	09/14/20 15:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Acenaphthylene	4.5	J	19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Anthracene	13	J	19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Benzo[a]anthracene	77		19	7.5	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Benzo[a]pyrene	220		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Benzo[b]fluoranthene	330		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Benzo[g,h,i]perylene	290		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Benzo[k]fluoranthene	130		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Chrysene	150		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Dibenz(a,h)anthracene	61		19	7.5	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Fluoranthene	130		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Fluorene	ND		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Indeno[1,2,3-cd]pyrene	250		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20A

Lab Sample ID: 410-13470-13

Date Collected: 09/08/20 10:25

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 89.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		19	7.5	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Phenanthrene	45		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Pyrene	120		19	3.7	ug/Kg	✱	09/15/20 16:09	09/16/20 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130				09/15/20 16:09	09/16/20 15:28	1
Nitrobenzene-d5 (Surr)	65		30 - 130				09/15/20 16:09	09/16/20 15:28	1
p-Terphenyl-d14 (Surr)	80		30 - 130				09/15/20 16:09	09/16/20 15:28	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	3.1	J B	11	2.1	mg/Kg	✱	09/10/20 18:06	09/16/20 22:54	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	86		50 - 142				09/10/20 18:06	09/16/20 22:54	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		270	110	mg/Kg	✱	09/15/20 09:00	09/16/20 19:10	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	89		42 - 143				09/15/20 09:00	09/16/20 19:10	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.0	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1221 (1C)	ND		19	5.1	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1232 (1C)	ND		19	8.9	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
PCB-1260 (1C)	ND		19	5.4	ug/Kg	✱	09/16/20 09:15	09/18/20 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	73		30 - 150				09/16/20 09:15	09/18/20 15:52	1
DCB Decachlorobiphenyl (Surr) (2C)	76		30 - 150				09/16/20 09:15	09/18/20 15:52	1
Tetrachloro-m-xylene (1C)	91		30 - 150				09/16/20 09:15	09/18/20 15:52	1
Tetrachloro-m-xylene (2C)	89		30 - 150				09/16/20 09:15	09/18/20 15:52	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		2.5	0.99	mg/Kg	✱	09/11/20 04:46	09/15/20 00:13	1
Barium	86		0.41	0.12	mg/Kg	✱	09/11/20 04:46	09/14/20 15:55	1
Cadmium	0.37	J	0.41	0.082	mg/Kg	✱	09/11/20 04:46	09/14/20 15:55	1
Chromium	29		1.2	0.15	mg/Kg	✱	09/11/20 04:46	09/14/20 15:55	1
Lead	17		1.2	0.49	mg/Kg	✱	09/11/20 04:46	09/15/20 00:13	1
Selenium	ND		4.1	1.2	mg/Kg	✱	09/11/20 04:46	09/15/20 00:13	1
Silver	0.65	J	0.82	0.33	mg/Kg	✱	09/11/20 04:46	09/14/20 15:55	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 14:44	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20A

Date Collected: 09/08/20 10:25

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-13

Matrix: Solid

Percent Solids: 89.4

Method: 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.50		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 14:44	1
Cadmium	0.0011	J	0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 14:44	1
Chromium	0.0041	J B	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 14:44	1
Lead	0.021		0.015	0.0071	mg/L		09/14/20 11:27	09/17/20 15:47	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 14:44	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 14:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 22:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.064	0.027	mg/Kg	✱	09/15/20 12:03	09/17/20 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>172		50.0	50.0	Degrees F			09/17/20 12:34	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/22/20 08:17	09/22/20 19:14	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	10.6		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	89.4		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: S-20B

Date Collected: 09/08/20 10:35

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-14

Matrix: Solid

Percent Solids: 84.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.79	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,1,2,2-Tetrachloroethane	ND		6.6	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,1,2-Trichloroethane	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,1-Dichloroethane	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2,3-Trichlorobenzene	ND		13	6.6	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2,4-Trichlorobenzene	ND		13	6.6	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2-Dibromo-3-Chloropropane	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2-Dibromoethane	ND		6.6	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2-Dichlorobenzene	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2-Dichloroethane	ND		6.6	0.79	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,2-Dichloropropane	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,3-Dichlorobenzene	ND		6.6	0.66	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
1,4-Dichlorobenzene	ND		6.6	0.53	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
2-Butanone	5.9	J	13	2.6	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
2-Hexanone	ND		13	1.3	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1
4-Methyl-2-pentanone	ND		13	1.3	ug/Kg	✱	09/10/20 18:04	09/14/20 15:32	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20B

Lab Sample ID: 410-13470-14

Date Collected: 09/08/20 10:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 84.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	110	B	26	7.9	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Benzene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Bromochloromethane	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Bromodichloromethane	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Bromoform	ND		13	6.6	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Bromomethane	ND		6.6	0.92	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Carbon disulfide	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Carbon tetrachloride	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Chlorobenzene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Chloroethane	ND		6.6	1.3	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Chloroform	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Chloromethane	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
cis-1,3-Dichloropropene	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Cyclohexane	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Dibromochloromethane	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Dichlorodifluoromethane	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Ethylbenzene	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Freon 113	ND		13	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Isopropylbenzene	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
m&p-Xylene	ND		6.6	1.3	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Methyl acetate	ND		6.6	1.3	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Methyl tertiary butyl ether	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Methylcyclohexane	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Methylene Chloride	ND		6.6	2.6	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
o-Xylene	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Styrene	ND		6.6	0.53	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Tetrachloroethene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Toluene	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
trans-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
trans-1,3-Dichloropropene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Trichloroethene	ND		6.6	0.66	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Trichlorofluoromethane	ND		6.6	0.92	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Vinyl chloride	ND		6.6	0.79	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1
Xylenes, Total	ND		13	1.8	ug/Kg	☼	09/10/20 18:04	09/14/20 15:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.5	T J	ug/Kg	☼	3.94		09/10/20 18:04	09/14/20 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130	09/10/20 18:04	09/14/20 15:32	1
4-Bromofluorobenzene (Surr)	89		70 - 130	09/10/20 18:04	09/14/20 15:32	1
Dibromofluoromethane (Surr)	110		70 - 130	09/10/20 18:04	09/14/20 15:32	1
Toluene-d8 (Surr)	94		70 - 130	09/10/20 18:04	09/14/20 15:32	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	4.4	J	20	3.9	ug/Kg	☼	09/15/20 16:09	09/16/20 15:05	1
Acenaphthylene	9.7	J	20	3.9	ug/Kg	☼	09/15/20 16:09	09/16/20 15:05	1
Anthracene	21		20	3.9	ug/Kg	☼	09/15/20 16:09	09/16/20 15:05	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20B

Lab Sample ID: 410-13470-14

Date Collected: 09/08/20 10:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 84.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	120		20	7.8	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Benzo[a]pyrene	360		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Benzo[b]fluoranthene	540		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Benzo[g,h,i]perylene	450		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Benzo[k]fluoranthene	180		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Chrysene	270		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Dibenz(a,h)anthracene	ND		20	7.8	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Fluoranthene	230		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Fluorene	7.6 J		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Indeno[1,2,3-cd]pyrene	420		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Naphthalene	9.1 J		20	7.8	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Phenanthrene	75		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1
Pyrene	190		20	3.9	ug/Kg	☆	09/15/20 16:09	09/16/20 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	77		30 - 130	09/15/20 16:09	09/16/20 15:05	1
Nitrobenzene-d5 (Surr)	67		30 - 130	09/15/20 16:09	09/16/20 15:05	1
p-Terphenyl-d14 (Surr)	84		30 - 130	09/15/20 16:09	09/16/20 15:05	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.41 J B		1.9	0.33	mg/Kg	☆	09/10/20 18:06	09/16/20 03:47	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	115		50 - 142	09/10/20 18:06	09/16/20 03:47	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		280	120	mg/Kg	☆	09/15/20 09:00	09/16/20 19:29	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	91		42 - 143	09/15/20 09:00	09/16/20 19:29	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1221 (1C)	ND		20	5.4	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1232 (1C)	ND		20	9.4	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1254 (1C)	ND		20	3.9	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1
PCB-1260 (1C)	ND		20	5.7	ug/Kg	☆	09/16/20 09:15	09/18/20 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	81		30 - 150	09/16/20 09:15	09/18/20 16:04	1
DCB Decachlorobiphenyl (Surr) (2C)	88		30 - 150	09/16/20 09:15	09/18/20 16:04	1
Tetrachloro-m-xylene (1C)	95		30 - 150	09/16/20 09:15	09/18/20 16:04	1
Tetrachloro-m-xylene (2C)	96		30 - 150	09/16/20 09:15	09/18/20 16:04	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20B

Date Collected: 09/08/20 10:35

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-14

Matrix: Solid

Percent Solids: 84.8

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.2	1.3	mg/Kg	☆	09/11/20 04:46	09/15/20 00:17	1
Barium	95		0.54	0.16	mg/Kg	☆	09/11/20 04:46	09/14/20 15:59	1
Cadmium	0.38	J	0.54	0.11	mg/Kg	☆	09/11/20 04:46	09/14/20 15:59	1
Chromium	32		1.6	0.19	mg/Kg	☆	09/11/20 04:46	09/14/20 15:59	1
Lead	15		1.6	0.64	mg/Kg	☆	09/11/20 04:46	09/15/20 00:17	1
Selenium	ND		5.4	1.6	mg/Kg	☆	09/11/20 04:46	09/15/20 00:17	1
Silver	ND		5.4	2.1	mg/Kg	☆	09/11/20 04:46	09/14/20 16:42	5

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 14:38	1
Barium	0.39		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:38	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 14:38	1
Chromium	0.0055	J	0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 14:38	1
Lead	0.015		0.015	0.0071	mg/L		09/14/20 11:10	09/17/20 12:44	1
Selenium	ND *		0.050	0.016	mg/L		09/14/20 11:10	09/16/20 14:38	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 14:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16	J	0.20	0.079	ug/L		09/14/20 11:51	09/14/20 20:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.067	0.028	mg/Kg	☆	09/15/20 12:03	09/17/20 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>177		50.0	50.0	Degrees F			09/17/20 12:37	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/22/20 08:17	09/22/20 19:16	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	15.2		1.0	1.0	%			09/10/20 11:59	1
Percent Solids	84.8		1.0	1.0	%			09/10/20 11:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.1		0.01	0.01	S.U.			09/12/20 14:23	1
Corrosivity	NO		0.01	0.01	NONE			09/12/20 14:23	1

Client Sample ID: FB-4

Date Collected: 09/08/20 12:00

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-15

Matrix: Water

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorodecanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorododecanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluoroheptanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorohexanesulfonic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorohexanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: FB-4

Lab Sample ID: 410-13470-15

Date Collected: 09/08/20 12:00

Matrix: Water

Date Received: 09/09/20 17:54

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorooctanesulfonic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorooctanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorotetradecanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluorotridecanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1
Perfluoroundecanoic acid	ND		2.0	0.49	ng/L		09/10/20 17:54	09/11/20 20:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	75		45 - 135	09/10/20 17:54	09/11/20 20:48	1
13C2-PFDoDA	85		20 - 148	09/10/20 17:54	09/11/20 20:48	1
13C4 PFHpA	75		34 - 143	09/10/20 17:54	09/11/20 20:48	1
13C3 PFHxS	81		38 - 144	09/10/20 17:54	09/11/20 20:48	1
13C5 PFHxA	78		30 - 143	09/10/20 17:54	09/11/20 20:48	1
13C9 PFNA	69		36 - 151	09/10/20 17:54	09/11/20 20:48	1
13C8 PFOA	81		37 - 141	09/10/20 17:54	09/11/20 20:48	1
13C2 PFTeDA	76		10 - 158	09/10/20 17:54	09/11/20 20:48	1
13C7 PFUnA	76		33 - 148	09/10/20 17:54	09/11/20 20:48	1
13C3 PFBS	70		11 - 191	09/10/20 17:54	09/11/20 20:48	1
13C8 PFOS	73		42 - 136	09/10/20 17:54	09/11/20 20:48	1

Client Sample ID: RB-4

Lab Sample ID: 410-13470-16

Date Collected: 09/08/20 12:00

Matrix: Water

Date Received: 09/09/20 17:54

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorodecanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorododecanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluoroheptanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorohexanesulfonic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorohexanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorononanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorooctanesulfonic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorooctanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorotetradecanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluorotridecanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1
Perfluoroundecanoic acid	ND		1.9	0.47	ng/L		09/10/20 17:54	09/11/20 20:58	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	83		45 - 135	09/10/20 17:54	09/11/20 20:58	1
13C2-PFDoDA	80		20 - 148	09/10/20 17:54	09/11/20 20:58	1
13C4 PFHpA	77		34 - 143	09/10/20 17:54	09/11/20 20:58	1
13C3 PFHxS	83		38 - 144	09/10/20 17:54	09/11/20 20:58	1
13C5 PFHxA	78		30 - 143	09/10/20 17:54	09/11/20 20:58	1
13C9 PFNA	71		36 - 151	09/10/20 17:54	09/11/20 20:58	1
13C8 PFOA	81		37 - 141	09/10/20 17:54	09/11/20 20:58	1
13C2 PFTeDA	75		10 - 158	09/10/20 17:54	09/11/20 20:58	1
13C7 PFUnA	81		33 - 148	09/10/20 17:54	09/11/20 20:58	1
13C3 PFBS	76		11 - 191	09/10/20 17:54	09/11/20 20:58	1
13C8 PFOS	77		42 - 136	09/10/20 17:54	09/11/20 20:58	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: TB-4

Lab Sample ID: 410-13470-17

Date Collected: 09/08/20 00:00

Matrix: Water

Date Received: 09/09/20 17:54

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/18/20 01:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/18/20 01:01	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/18/20 01:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/18/20 01:01	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/18/20 01:01	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
2-Butanone	ND		10	0.30	ug/L			09/18/20 01:01	1
2-Hexanone	ND		10	0.30	ug/L			09/18/20 01:01	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/18/20 01:01	1
Acetone	0.86	J B	20	0.70	ug/L			09/18/20 01:01	1
Benzene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/18/20 01:01	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Bromoform	ND		4.0	1.0	ug/L			09/18/20 01:01	1
Bromomethane	ND		1.0	0.30	ug/L			09/18/20 01:01	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/18/20 01:01	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Chloroethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Chloroform	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Chloromethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Cyclohexane	ND		5.0	1.0	ug/L			09/18/20 01:01	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Ethylbenzene	ND		1.0	0.40	ug/L			09/18/20 01:01	1
Freon 113	ND		10	0.20	ug/L			09/18/20 01:01	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
m&p-Xylene	ND		5.0	1.0	ug/L			09/18/20 01:01	1
Methyl acetate	ND		5.0	0.30	ug/L			09/18/20 01:01	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/18/20 01:01	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/18/20 01:01	1
o-Xylene	ND		1.0	0.40	ug/L			09/18/20 01:01	1
Styrene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Toluene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/18/20 01:01	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Trichloroethene	ND		1.0	0.20	ug/L			09/18/20 01:01	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: TB-4

Lab Sample ID: 410-13470-17

Date Collected: 09/08/20 00:00

Matrix: Water

Date Received: 09/09/20 17:54

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/18/20 01:01	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/18/20 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		09/18/20 01:01	1
4-Bromofluorobenzene (Surr)	89		70 - 130		09/18/20 01:01	1
Dibromofluoromethane (Surr)	100		70 - 130		09/18/20 01:01	1
Toluene-d8 (Surr)	97		70 - 130		09/18/20 01:01	1

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13470-5	S-16A	111	69 X	116	108
410-13470-6	S-16B	108	69 X	105	114
410-13470-7	S-17A	109	94	110	94
410-13470-8	S-17B	107	78	111	105
410-13470-9	S-18A	110	72	112	113
410-13470-10	S-18B	106	93	108	95
410-13470-11	S-19A	104	79	108	104
410-13470-12	S-19B	109	84	110	100
410-13470-13	S-20A	107	76	110	106
410-13470-14	S-20B	104	89	110	94
LCS 410-43445/28	Lab Control Sample	112	95	106	94
LCS 410-43684/7	Lab Control Sample	111	96	108	89
LCSD 410-43445/29	Lab Control Sample Dup	104	96	108	95
LCSD 410-43684/8	Lab Control Sample Dup	107	98	101	99
MB 410-43445/7	Method Blank	91	93	98	94
MB 410-43684/10	Method Blank	108	92	107	94

Surrogate Legend
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13470-17	TB-4	98	89	100	97
LCS 410-45156/4	Lab Control Sample	101	94	101	99
LCSD 410-45156/5	Lab Control Sample Dup	103	95	99	96
MB 410-45156/7	Method Blank	105	91	103	98

Surrogate Legend
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		PHL (30-130)	TPHd14 (30-130)	NBZ (30-130)	2FP (30-130)	FBP (30-130)	TBP (30-130)
410-13470-1	S-7A	66	77	58	65	75	84
410-13470-2	S-7B	62	70	50	59	68	73
410-13470-3	S-8A	61	81	53	59	76	84
410-13470-4	S-8B	63	77	56	60	75	82
410-13470-5	S-16A		86	51		62	

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Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		PHL (30-130)	TPHd14 (30-130)	NBZ (30-130)	2FP (30-130)	FBP (30-130)	TBP (30-130)
410-13470-6	S-16B		61	32		43	
410-13470-7	S-17A		74	58		75	
410-13470-8	S-17B		55	40		51	
410-13470-9	S-18A		76	64		72	
410-13470-10	S-18B		80	56		70	
410-13470-11	S-19A		68	54		59	
410-13470-12	S-19B		80	65		72	
410-13470-13	S-20A		80	65		72	
410-13470-14	S-20B		84	67		77	
LCS 410-43825/2-A	Lab Control Sample	73	82	63	73	82	96
LCS 410-43829/2-A	Lab Control Sample		81	65		72	
MB 410-43825/1-A	Method Blank	77	96	67	77	87	101
MB 410-43829/1-A	Method Blank		91	71		77	

Surrogate Legend

PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TFT-F1 (50-142)	
410-13470-5	S-16A	99	
410-13470-6	S-16B	101	
410-13470-7	S-17A	96	
410-13470-8	S-17B	113	
410-13470-9	S-18A	99	
410-13470-10	S-18B	108	
410-13470-11	S-19A	114	
410-13470-12	S-19B	94	
410-13470-13	S-20A	86	
410-13470-14	S-20B	115	
LCS 410-44146/5	Lab Control Sample	89	
LCS 410-44578/5	Lab Control Sample	99	
LCSD 410-44146/6	Lab Control Sample Dup	89	
LCSD 410-44578/6	Lab Control Sample Dup	97	
MB 410-44146/4	Method Blank	89	
MB 410-44578/4	Method Blank	90	

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-13470-1

Project/Site: TTN Site NJ

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTP (42-143)
410-13470-5	S-16A	106
410-13470-5 DU	S-16A	109
410-13470-5 MS	S-16A	120
410-13470-6	S-16B	112
410-13470-7	S-17A	99
410-13470-8	S-17B	97
410-13470-9	S-18A	100
410-13470-10	S-18B	90
410-13470-11	S-19A	124
410-13470-12	S-19B	113
410-13470-13	S-20A	89
410-13470-14	S-20B	91
LCS 410-43832/2-A	Lab Control Sample	117
MB 410-43832/1-A	Method Blank	105
Surrogate Legend		
OTP = o- terphenyl (Surr)		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-13470-5	S-16A	64	65	85	84
410-13470-6	S-16B	61	58	83	73
410-13470-7	S-17A	15 X	15 X	33	28 X
410-13470-8	S-17B	83	83	105	102
410-13470-9	S-18A	49	49	65	66
410-13470-10	S-18B	87	96	88	97
410-13470-10 MS	S-18B	94	102	95	96
410-13470-10 MSD	S-18B	97	99	92	96
410-13470-11	S-19A	67	75	73	76
410-13470-12	S-19B	42	49	59	57
410-13470-13	S-20A	73	76	91	89
410-13470-14	S-20B	81	88	95	96
LCS 410-44304/2-A	Lab Control Sample	124	118	97	104
LCS 410-47674/2-A	Lab Control Sample	99	107	93	101
MB 410-44304/1-A	Method Blank	119	115	106	106
MB 410-47674/1-A	Method Blank	98	106	94	98
Surrogate Legend					
DCB = DCB Decachlorobiphenyl (Surr)					
TCX = Tetrachloro-m-xylene					

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	1COD (40-140)	OTP (40-140)
410-13470-1	S-7A	82	76

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Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1COD (40-140)	OTP (40-140)
410-13470-2	S-7B	82	76
410-13470-3	S-8A	83	78
410-13470-4	S-8B	86	79
LCS 410-44577/2-A	Lab Control Sample	76	85
LCSD 410-44577/3-A	Lab Control Sample Dup	78	86
MB 410-44577/1-A	Method Blank	93	84

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

OTP = o- terphenyl (Surr)

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C5PHA (11-138)	C4PFHA (15-139)	C8PFOA (21-133)	C9PFNA (15-145)	C6PFDA (21-134)	13C7PUA (15-138)	PFDODA (28-126)	PFTDA (10-138)
410-13470-1	S-7A	86	84	85	77	88	91	90	87
410-13470-2	S-7B	93	93	92	83	93	100	98	99
410-13470-5	S-16A	72	81	82	92	79	76	78	71
410-13470-6	S-16B	71	73	78	88	82	84	80	80
410-13470-11	S-19A	85	84	87	75	80	85	83	89
410-13470-12	S-19B	80	80	82	75	80	89	86	84
LCS 410-42689/2-B	Lab Control Sample	87	85	88	84	84	84	88	88
LCS 410-43327/2-B	Lab Control Sample	86	90	90	75	85	87	89	90
LCSD 410-42689/3-B	Lab Control Sample Dup	83	87	87	76	87	89	87	86
LCSD 410-43327/3-B	Lab Control Sample Dup	88	89	88	78	85	89	87	94
MB 410-42689/1-B	Method Blank	91	91	97	74	91	85	94	87
MB 410-43327/1-B	Method Blank	92	91	95	81	87	85	94	96

		Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	C3PFBS (23-130)	C3PFHS (24-136)	C8PFOS (31-130)
410-13470-1	S-7A	80	91	84
410-13470-2	S-7B	92	103	92
410-13470-5	S-16A	85	78	86
410-13470-6	S-16B	83	77	81
410-13470-11	S-19A	82	91	80
410-13470-12	S-19B	87	84	79
LCS 410-42689/2-B	Lab Control Sample	96	86	91
LCS 410-43327/2-B	Lab Control Sample	81	92	85
LCSD 410-42689/3-B	Lab Control Sample Dup	85	86	87
LCSD 410-43327/3-B	Lab Control Sample Dup	82	92	85
MB 410-42689/1-B	Method Blank	81	95	80
MB 410-43327/1-B	Method Blank	83	96	91

Surrogate Legend

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDODA = 13C2-PFDODA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
410-13470-15	FB-4	75	85	75	81	78	69	81	76
410-13470-16	RB-4	83	80	77	83	78	71	81	75
LCS 410-42674/2-A	Lab Control Sample	99	106	94	95	95	85	99	98

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Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
LCSD 410-42674/3-A	Lab Control Sample Dup	85	94	88	93	90	75	92	86
MB 410-42674/1-A	Method Blank	89	99	89	95	92	79	99	97

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)
410-13470-15	FB-4	76	70	73
410-13470-16	RB-4	81	76	77
LCS 410-42674/2-A	Lab Control Sample	98	103	95
LCSD 410-42674/3-A	Lab Control Sample Dup	86	87	85
MB 410-42674/1-A	Method Blank	94	99	88

Surrogate Legend

C6PFDA = 13C6 PFDA
PFDODA = 13C2-PFDODA
C4PFHA = 13C4 PFHpA
C3PFHS = 13C3 PFHxS
13C5PHA = 13C5 PFHxA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
PFTDA = 13C2 PFTeDA
13C7PUA = 13C7 PFUnA
C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-43445/7

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/14/20 10:43	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/14/20 10:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
2-Butanone	ND		10	2.0	ug/Kg			09/14/20 10:43	1
2-Hexanone	ND		10	1.0	ug/Kg			09/14/20 10:43	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/14/20 10:43	1
Acetone	13.9	J	20	6.0	ug/Kg			09/14/20 10:43	1
Benzene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
Bromoform	ND		10	5.0	ug/Kg			09/14/20 10:43	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/14/20 10:43	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/14/20 10:43	1
Chloroform	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
Freon 113	ND		10	0.60	ug/Kg			09/14/20 10:43	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/14/20 10:43	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/14/20 10:43	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/14/20 10:43	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
Styrene	ND		5.0	0.40	ug/Kg			09/14/20 10:43	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Toluene	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43445/7

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.50	ug/Kg			09/14/20 10:43	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/14/20 10:43	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/14/20 10:43	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/14/20 10:43	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/14/20 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		09/14/20 10:43	1
4-Bromofluorobenzene (Surr)	93		70 - 130		09/14/20 10:43	1
Dibromofluoromethane (Surr)	98		70 - 130		09/14/20 10:43	1
Toluene-d8 (Surr)	94		70 - 130		09/14/20 10:43	1

Lab Sample ID: LCS 410-43445/28

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	23.9		ug/Kg		120	70 - 130
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/Kg		96	70 - 130
1,1,2-Trichloroethane	20.0	20.7		ug/Kg		103	70 - 130
1,1-Dichloroethane	20.0	23.0		ug/Kg		115	70 - 130
1,1-Dichloroethene	20.0	25.1		ug/Kg		126	70 - 130
1,2,3-Trichlorobenzene	20.0	22.3		ug/Kg		111	70 - 130
1,2,4-Trichlorobenzene	20.0	22.9		ug/Kg		114	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/Kg		96	60 - 140
1,2-Dibromoethane	20.0	19.8		ug/Kg		99	70 - 130
1,2-Dichlorobenzene	20.0	21.8		ug/Kg		109	70 - 130
1,2-Dichloroethane	20.0	21.6		ug/Kg		108	70 - 130
1,2-Dichloropropane	20.0	22.3		ug/Kg		111	70 - 130
1,3-Dichlorobenzene	20.0	21.7		ug/Kg		109	70 - 130
1,4-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130
2-Butanone	150	154		ug/Kg		103	60 - 140
2-Hexanone	100	98.0		ug/Kg		98	60 - 140
4-Methyl-2-pentanone	100	109		ug/Kg		109	60 - 140
Acetone	150	147		ug/Kg		98	60 - 140
Benzene	20.0	23.0		ug/Kg		115	70 - 130
Bromochloromethane	20.0	20.7		ug/Kg		103	70 - 130
Bromodichloromethane	20.0	22.3		ug/Kg		111	70 - 130
Bromoform	20.0	16.0		ug/Kg		80	70 - 130
Bromomethane	20.0	21.7		ug/Kg		108	60 - 140
Carbon disulfide	20.0	22.2		ug/Kg		111	60 - 140
Carbon tetrachloride	20.0	23.6		ug/Kg		118	70 - 130
Chlorobenzene	20.0	21.4		ug/Kg		107	70 - 130
Chloroethane	20.0	20.5		ug/Kg		103	60 - 140
Chloroform	20.0	23.9		ug/Kg		119	70 - 130
Chloromethane	20.0	20.7		ug/Kg		103	60 - 140

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-43445/28

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20.0	24.3		ug/Kg		122	70 - 130
cis-1,3-Dichloropropene	20.0	20.8		ug/Kg		104	70 - 130
Cyclohexane	20.0	21.6		ug/Kg		108	70 - 130
Dibromochloromethane	20.0	19.5		ug/Kg		97	70 - 130
Dichlorodifluoromethane	20.0	21.9		ug/Kg		109	60 - 140
Ethylbenzene	20.0	21.9		ug/Kg		110	70 - 130
Freon 113	20.0	24.6		ug/Kg		123	70 - 130
Isopropylbenzene	20.0	22.4		ug/Kg		112	70 - 130
m&p-Xylene	40.0	41.3		ug/Kg		103	70 - 130
Methyl acetate	20.0	18.3		ug/Kg		92	70 - 130
Methyl tertiary butyl ether	20.0	21.4		ug/Kg		107	70 - 130
Methylcyclohexane	20.0	22.5		ug/Kg		113	70 - 130
Methylene Chloride	20.0	23.6		ug/Kg		118	70 - 130
o-Xylene	20.0	20.4		ug/Kg		102	70 - 130
Styrene	20.0	20.2		ug/Kg		101	70 - 130
Tetrachloroethene	20.0	22.5		ug/Kg		112	70 - 130
Toluene	20.0	20.2		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	20.0	24.3		ug/Kg		121	70 - 130
trans-1,3-Dichloropropene	20.0	16.8		ug/Kg		84	70 - 130
Trichloroethene	20.0	23.4		ug/Kg		117	70 - 130
Trichlorofluoromethane	20.0	23.9		ug/Kg		120	60 - 140
Vinyl chloride	20.0	22.7		ug/Kg		114	70 - 130
Xylenes, Total	60.0	61.7		ug/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: LCSD 410-43445/29

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	23.6		ug/Kg		118	70 - 130	1	30
1,1,1,2-Tetrachloroethane	20.0	21.0		ug/Kg		105	70 - 130	8	30
1,1,2-Trichloroethane	20.0	22.1		ug/Kg		111	70 - 130	7	30
1,1-Dichloroethane	20.0	23.2		ug/Kg		116	70 - 130	1	30
1,1-Dichloroethene	20.0	25.4		ug/Kg		127	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	22.4		ug/Kg		112	70 - 130	1	30
1,2,4-Trichlorobenzene	20.0	22.9		ug/Kg		115	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	22.7		ug/Kg		113	60 - 140	17	30
1,2-Dibromoethane	20.0	21.5		ug/Kg		107	70 - 130	8	30
1,2-Dichlorobenzene	20.0	22.0		ug/Kg		110	70 - 130	1	30
1,2-Dichloroethane	20.0	22.1		ug/Kg		110	70 - 130	2	30
1,2-Dichloropropane	20.0	22.8		ug/Kg		114	70 - 130	2	30
1,3-Dichlorobenzene	20.0	21.5		ug/Kg		107	70 - 130	1	30

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-43445/29

Matrix: Solid

Analysis Batch: 43445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	21.7		ug/Kg		108	70 - 130	2	30
2-Butanone	150	155		ug/Kg		103	60 - 140	0	30
2-Hexanone	100	120		ug/Kg		120	60 - 140	20	30
4-Methyl-2-pentanone	100	130		ug/Kg		130	60 - 140	18	30
Acetone	150	144		ug/Kg		96	60 - 140	3	30
Benzene	20.0	20.8		ug/Kg		104	70 - 130	10	30
Bromochloromethane	20.0	22.1		ug/Kg		110	70 - 130	7	30
Bromodichloromethane	20.0	23.4		ug/Kg		117	70 - 130	5	30
Bromoform	20.0	17.7		ug/Kg		88	70 - 130	10	30
Bromomethane	20.0	22.0		ug/Kg		110	60 - 140	1	30
Carbon disulfide	20.0	22.7		ug/Kg		114	60 - 140	2	30
Carbon tetrachloride	20.0	23.8		ug/Kg		119	70 - 130	1	30
Chlorobenzene	20.0	21.6		ug/Kg		108	70 - 130	1	30
Chloroethane	20.0	20.8		ug/Kg		104	60 - 140	1	30
Chloroform	20.0	23.7		ug/Kg		118	70 - 130	1	30
Chloromethane	20.0	21.3		ug/Kg		106	60 - 140	3	30
cis-1,2-Dichloroethene	20.0	24.8		ug/Kg		124	70 - 130	2	30
cis-1,3-Dichloropropene	20.0	21.9		ug/Kg		109	70 - 130	5	30
Cyclohexane	20.0	21.5		ug/Kg		107	70 - 130	1	30
Dibromochloromethane	20.0	20.5		ug/Kg		102	70 - 130	5	30
Dichlorodifluoromethane	20.0	23.3		ug/Kg		116	60 - 140	6	30
Ethylbenzene	20.0	22.2		ug/Kg		111	70 - 130	1	30
Freon 113	20.0	24.5		ug/Kg		123	70 - 130	0	30
Isopropylbenzene	20.0	22.4		ug/Kg		112	70 - 130	0	30
m&p-Xylene	40.0	42.3		ug/Kg		106	70 - 130	2	30
Methyl acetate	20.0	22.9		ug/Kg		114	70 - 130	22	30
Methyl tertiary butyl ether	20.0	23.3		ug/Kg		116	70 - 130	9	30
Methylcyclohexane	20.0	22.5		ug/Kg		112	70 - 130	0	30
Methylene Chloride	20.0	24.2		ug/Kg		121	70 - 130	3	30
o-Xylene	20.0	20.6		ug/Kg		103	70 - 130	1	30
Styrene	20.0	20.4		ug/Kg		102	70 - 130	1	30
Tetrachloroethene	20.0	22.3		ug/Kg		111	70 - 130	1	30
Toluene	20.0	20.5		ug/Kg		102	70 - 130	1	30
trans-1,2-Dichloroethene	20.0	24.5		ug/Kg		122	70 - 130	1	30
trans-1,3-Dichloropropene	20.0	17.9		ug/Kg		90	70 - 130	6	30
Trichloroethene	20.0	23.8		ug/Kg		119	70 - 130	2	30
Trichlorofluoromethane	20.0	24.0		ug/Kg		120	60 - 140	0	30
Vinyl chloride	20.0	22.8		ug/Kg		114	70 - 130	0	30
Xylenes, Total	60.0	62.9		ug/Kg		105	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130
Toluene-d8 (Surr)	95		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43684/10

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/15/20 01:02	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/15/20 01:02	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
2-Butanone	ND		10	2.0	ug/Kg			09/15/20 01:02	1
2-Hexanone	ND		10	1.0	ug/Kg			09/15/20 01:02	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/15/20 01:02	1
Acetone	ND		20	6.0	ug/Kg			09/15/20 01:02	1
Benzene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
Bromoform	ND		10	5.0	ug/Kg			09/15/20 01:02	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/15/20 01:02	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/15/20 01:02	1
Chloroform	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
Freon 113	ND		10	0.60	ug/Kg			09/15/20 01:02	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/15/20 01:02	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/15/20 01:02	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/15/20 01:02	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
Styrene	ND		5.0	0.40	ug/Kg			09/15/20 01:02	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Toluene	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43684/10

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 01:02	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/15/20 01:02	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/15/20 01:02	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/15/20 01:02	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/15/20 01:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		09/15/20 01:02	1
4-Bromofluorobenzene (Surr)	92		70 - 130		09/15/20 01:02	1
Dibromofluoromethane (Surr)	107		70 - 130		09/15/20 01:02	1
Toluene-d8 (Surr)	94		70 - 130		09/15/20 01:02	1

Lab Sample ID: LCS 410-43684/7

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	23.3		ug/Kg		117	70 - 130
1,1,1,2-Tetrachloroethane	20.0	21.6		ug/Kg		108	70 - 130
1,1,2-Trichloroethane	20.0	21.0		ug/Kg		105	70 - 130
1,1-Dichloroethane	20.0	21.6		ug/Kg		108	70 - 130
1,1-Dichloroethene	20.0	24.1		ug/Kg		120	70 - 130
1,2,3-Trichlorobenzene	20.0	19.8		ug/Kg		99	70 - 130
1,2,4-Trichlorobenzene	20.0	20.4		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.8		ug/Kg		109	60 - 140
1,2-Dibromoethane	20.0	21.2		ug/Kg		106	70 - 130
1,2-Dichlorobenzene	20.0	21.8		ug/Kg		109	70 - 130
1,2-Dichloroethane	20.0	22.3		ug/Kg		112	70 - 130
1,2-Dichloropropane	20.0	18.8		ug/Kg		94	70 - 130
1,3-Dichlorobenzene	20.0	21.3		ug/Kg		106	70 - 130
1,4-Dichlorobenzene	20.0	20.9		ug/Kg		104	70 - 130
2-Butanone	150	154		ug/Kg		103	60 - 140
2-Hexanone	100	116		ug/Kg		116	60 - 140
4-Methyl-2-pentanone	100	114		ug/Kg		114	60 - 140
Acetone	150	149		ug/Kg		99	60 - 140
Benzene	20.0	22.5		ug/Kg		112	70 - 130
Bromochloromethane	20.0	20.8		ug/Kg		104	70 - 130
Bromodichloromethane	20.0	21.6		ug/Kg		108	70 - 130
Bromoform	20.0	17.5		ug/Kg		88	70 - 130
Bromomethane	20.0	21.5		ug/Kg		107	60 - 140
Carbon disulfide	20.0	22.2		ug/Kg		111	60 - 140
Carbon tetrachloride	20.0	23.6		ug/Kg		118	70 - 130
Chlorobenzene	20.0	21.5		ug/Kg		107	70 - 130
Chloroethane	20.0	20.3		ug/Kg		102	60 - 140
Chloroform	20.0	22.8		ug/Kg		114	70 - 130
Chloromethane	20.0	21.1		ug/Kg		106	60 - 140

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-43684/7

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20.0	23.6		ug/Kg		118	70 - 130
cis-1,3-Dichloropropene	20.0	20.8		ug/Kg		104	70 - 130
Cyclohexane	20.0	21.2		ug/Kg		106	70 - 130
Dibromochloromethane	20.0	20.7		ug/Kg		103	70 - 130
Dichlorodifluoromethane	20.0	18.8		ug/Kg		94	60 - 140
Ethylbenzene	20.0	21.7		ug/Kg		108	70 - 130
Freon 113	20.0	20.2		ug/Kg		101	70 - 130
Isopropylbenzene	20.0	20.9		ug/Kg		104	70 - 130
m&p-Xylene	40.0	41.4		ug/Kg		104	70 - 130
Methyl acetate	20.0	18.1		ug/Kg		90	70 - 130
Methyl tertiary butyl ether	20.0	21.9		ug/Kg		110	70 - 130
Methylcyclohexane	20.0	15.2		ug/Kg		76	70 - 130
Methylene Chloride	20.0	23.5		ug/Kg		117	70 - 130
o-Xylene	20.0	22.6		ug/Kg		113	70 - 130
Styrene	20.0	21.8		ug/Kg		109	70 - 130
Tetrachloroethene	20.0	21.8		ug/Kg		109	70 - 130
Toluene	20.0	20.3		ug/Kg		102	70 - 130
trans-1,2-Dichloroethene	20.0	23.2		ug/Kg		116	70 - 130
trans-1,3-Dichloropropene	20.0	17.4		ug/Kg		87	70 - 130
Trichloroethene	20.0	19.9		ug/Kg		100	70 - 130
Trichlorofluoromethane	20.0	21.2		ug/Kg		106	60 - 140
Vinyl chloride	20.0	22.3		ug/Kg		111	70 - 130
Xylenes, Total	60.0	64.0		ug/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Lab Sample ID: LCSD 410-43684/8

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.7		ug/Kg		109	70 - 130	7	30
1,1,1,2-Tetrachloroethane	20.0	21.4		ug/Kg		107	70 - 130	1	30
1,1,2-Trichloroethane	20.0	22.1		ug/Kg		110	70 - 130	5	30
1,1-Dichloroethane	20.0	20.9		ug/Kg		104	70 - 130	3	30
1,1-Dichloroethene	20.0	22.3		ug/Kg		112	70 - 130	8	30
1,2,3-Trichlorobenzene	20.0	21.7		ug/Kg		108	70 - 130	9	30
1,2,4-Trichlorobenzene	20.0	22.3		ug/Kg		111	70 - 130	9	30
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/Kg		111	60 - 140	2	30
1,2-Dibromoethane	20.0	21.5		ug/Kg		107	70 - 130	2	30
1,2-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130	3	30
1,2-Dichloroethane	20.0	21.6		ug/Kg		108	70 - 130	3	30
1,2-Dichloropropane	20.0	20.4		ug/Kg		102	70 - 130	8	30
1,3-Dichlorobenzene	20.0	21.0		ug/Kg		105	70 - 130	1	30

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-43684/8

Matrix: Solid

Analysis Batch: 43684

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	20.7		ug/Kg		104	70 - 130	1	30
2-Butanone	150	160		ug/Kg		106	60 - 140	4	30
2-Hexanone	100	114		ug/Kg		114	60 - 140	2	30
4-Methyl-2-pentanone	100	118		ug/Kg		118	60 - 140	4	30
Acetone	150	147		ug/Kg		98	60 - 140	1	30
Benzene	20.0	21.0		ug/Kg		105	70 - 130	7	30
Bromochloromethane	20.0	19.4		ug/Kg		97	70 - 130	7	30
Bromodichloromethane	20.0	20.4		ug/Kg		102	70 - 130	6	30
Bromoform	20.0	17.5		ug/Kg		88	70 - 130	0	30
Bromomethane	20.0	20.0		ug/Kg		100	60 - 140	7	30
Carbon disulfide	20.0	20.7		ug/Kg		103	60 - 140	7	30
Carbon tetrachloride	20.0	22.1		ug/Kg		111	70 - 130	6	30
Chlorobenzene	20.0	21.2		ug/Kg		106	70 - 130	1	30
Chloroethane	20.0	19.0		ug/Kg		95	60 - 140	7	30
Chloroform	20.0	21.6		ug/Kg		108	70 - 130	6	30
Chloromethane	20.0	20.2		ug/Kg		101	60 - 140	5	30
cis-1,2-Dichloroethene	20.0	22.0		ug/Kg		110	70 - 130	7	30
cis-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	70 - 130	7	30
Cyclohexane	20.0	19.8		ug/Kg		99	70 - 130	7	30
Dibromochloromethane	20.0	19.7		ug/Kg		98	70 - 130	5	30
Dichlorodifluoromethane	20.0	17.3		ug/Kg		86	60 - 140	9	30
Ethylbenzene	20.0	21.9		ug/Kg		110	70 - 130	1	30
Freon 113	20.0	18.6		ug/Kg		93	70 - 130	8	30
Isopropylbenzene	20.0	21.8		ug/Kg		109	70 - 130	4	30
m&p-Xylene	40.0	43.1		ug/Kg		108	70 - 130	4	30
Methyl acetate	20.0	18.2		ug/Kg		91	70 - 130	1	30
Methyl tertiary butyl ether	20.0	20.9		ug/Kg		105	70 - 130	5	30
Methylcyclohexane	20.0	16.2		ug/Kg		81	70 - 130	6	30
Methylene Chloride	20.0	22.2		ug/Kg		111	70 - 130	6	30
o-Xylene	20.0	22.0		ug/Kg		110	70 - 130	3	30
Styrene	20.0	21.5		ug/Kg		107	70 - 130	2	30
Tetrachloroethene	20.0	21.5		ug/Kg		108	70 - 130	1	30
Toluene	20.0	20.5		ug/Kg		103	70 - 130	1	30
trans-1,2-Dichloroethene	20.0	21.9		ug/Kg		109	70 - 130	6	30
trans-1,3-Dichloropropene	20.0	18.5		ug/Kg		93	70 - 130	6	30
Trichloroethene	20.0	21.1		ug/Kg		106	70 - 130	6	30
Trichlorofluoromethane	20.0	19.9		ug/Kg		99	60 - 140	6	30
Vinyl chloride	20.0	20.6		ug/Kg		103	70 - 130	8	30
Xylenes, Total	60.0	65.1		ug/Kg		109	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	99		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-45156/7

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1-Dichloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,1-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			09/17/20 23:51	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			09/17/20 23:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			09/17/20 23:51	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
1,3-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
1,4-Dichlorobenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
2-Butanone	ND		10	0.30	ug/L			09/17/20 23:51	1
2-Hexanone	ND		10	0.30	ug/L			09/17/20 23:51	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			09/17/20 23:51	1
Acetone	6.29	J	20	0.70	ug/L			09/17/20 23:51	1
Benzene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Bromochloromethane	ND		5.0	0.20	ug/L			09/17/20 23:51	1
Bromodichloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Bromoform	ND		4.0	1.0	ug/L			09/17/20 23:51	1
Bromomethane	ND		1.0	0.30	ug/L			09/17/20 23:51	1
Carbon disulfide	ND		5.0	0.20	ug/L			09/17/20 23:51	1
Carbon tetrachloride	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chlorobenzene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chloroethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chloroform	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Chloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Cyclohexane	ND		5.0	1.0	ug/L			09/17/20 23:51	1
Dibromochloromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Ethylbenzene	ND		1.0	0.40	ug/L			09/17/20 23:51	1
Freon 113	ND		10	0.20	ug/L			09/17/20 23:51	1
Isopropylbenzene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
m&p-Xylene	ND		5.0	1.0	ug/L			09/17/20 23:51	1
Methyl acetate	ND		5.0	0.30	ug/L			09/17/20 23:51	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Methylcyclohexane	ND		5.0	0.50	ug/L			09/17/20 23:51	1
Methylene Chloride	ND		1.0	0.30	ug/L			09/17/20 23:51	1
o-Xylene	ND		1.0	0.40	ug/L			09/17/20 23:51	1
Styrene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
Tetrachloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Toluene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L			09/17/20 23:51	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			09/17/20 23:51	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-45156/7

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Vinyl chloride	ND		1.0	0.20	ug/L			09/17/20 23:51	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/17/20 23:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		09/17/20 23:51	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/17/20 23:51	1
Dibromofluoromethane (Surr)	103		70 - 130		09/17/20 23:51	1
Toluene-d8 (Surr)	98		70 - 130		09/17/20 23:51	1

Lab Sample ID: LCS 410-45156/4

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.1		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	70 - 130
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130
1,1-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	20.6		ug/L		103	70 - 130
1,2,3-Trichlorobenzene	20.0	21.2		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	20.0	21.3		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	16.4		ug/L		82	60 - 140
1,2-Dibromoethane	20.0	19.9		ug/L		99	70 - 130
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
1,2-Dichloroethane	20.0	19.0		ug/L		95	70 - 130
1,2-Dichloropropane	20.0	20.5		ug/L		102	70 - 130
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
2-Butanone	150	134		ug/L		89	60 - 140
2-Hexanone	100	92.4		ug/L		92	60 - 140
4-Methyl-2-pentanone	100	91.8		ug/L		92	60 - 140
Acetone	150	139		ug/L		92	60 - 140
Benzene	20.0	19.9		ug/L		100	70 - 130
Bromochloromethane	20.0	21.2		ug/L		106	70 - 130
Bromodichloromethane	20.0	19.8		ug/L		99	70 - 130
Bromoform	20.0	19.8		ug/L		99	70 - 130
Bromomethane	20.0	20.6		ug/L		103	60 - 140
Carbon disulfide	20.0	19.5		ug/L		98	60 - 140
Carbon tetrachloride	20.0	19.7		ug/L		99	70 - 130
Chlorobenzene	20.0	20.9		ug/L		105	70 - 130
Chloroethane	20.0	20.3		ug/L		102	60 - 140
Chloroform	20.0	19.7		ug/L		99	70 - 130
Chloromethane	20.0	19.1		ug/L		95	60 - 140
cis-1,2-Dichloroethene	20.0	22.1		ug/L		110	70 - 130
cis-1,3-Dichloropropene	20.0	19.5		ug/L		97	70 - 130
Cyclohexane	20.0	19.2		ug/L		96	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-45156/4

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	20.0	20.8		ug/L		104	70 - 130
Dichlorodifluoromethane	20.0	20.1		ug/L		101	60 - 140
Ethylbenzene	20.0	19.7		ug/L		98	70 - 130
Freon 113	20.0	19.8		ug/L		99	70 - 130
Isopropylbenzene	20.0	20.1		ug/L		100	70 - 130
m&p-Xylene	40.0	40.6		ug/L		102	70 - 130
Methyl acetate	20.0	18.4		ug/L		92	70 - 130
Methyl tertiary butyl ether	20.0	20.1		ug/L		100	70 - 130
Methylcyclohexane	20.0	19.6		ug/L		98	70 - 130
Methylene Chloride	20.0	20.5		ug/L		102	70 - 130
o-Xylene	20.0	20.5		ug/L		102	70 - 130
Styrene	20.0	19.7		ug/L		99	70 - 130
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 130
Toluene	20.0	19.7		ug/L		98	70 - 130
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	70 - 130
trans-1,3-Dichloropropene	20.0	18.5		ug/L		92	70 - 130
Trichloroethene	20.0	20.6		ug/L		103	70 - 130
Trichlorofluoromethane	20.0	19.4		ug/L		97	60 - 140
Vinyl chloride	20.0	20.9		ug/L		104	70 - 130
Xylenes, Total	60.0	61.1		ug/L		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene (Surr)	94		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 410-45156/5

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	70 - 130	3	20
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/L		86	70 - 130	7	20
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	4	20
1,1-Dichloroethane	20.0	18.8		ug/L		94	70 - 130	7	20
1,1-Dichloroethene	20.0	19.7		ug/L		99	70 - 130	4	20
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130	9	20
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	70 - 130	9	20
1,2-Dibromo-3-Chloropropane	20.0	15.3		ug/L		77	60 - 140	7	20
1,2-Dibromoethane	20.0	18.4		ug/L		92	70 - 130	7	20
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	6	20
1,2-Dichloroethane	20.0	17.5		ug/L		88	70 - 130	8	20
1,2-Dichloropropane	20.0	18.8		ug/L		94	70 - 130	8	20
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130	7	20
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	4	20
2-Butanone	150	127		ug/L		84	60 - 140	6	20
2-Hexanone	100	85.7		ug/L		86	60 - 140	7	20

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-45156/5

Matrix: Water

Analysis Batch: 45156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone	100	87.5		ug/L		88	60 - 140	5	20
Acetone	150	131		ug/L		87	60 - 140	6	20
Benzene	20.0	18.8		ug/L		94	70 - 130	6	20
Bromochloromethane	20.0	20.5		ug/L		102	70 - 130	3	20
Bromodichloromethane	20.0	18.5		ug/L		92	70 - 130	7	20
Bromoform	20.0	18.8		ug/L		94	70 - 130	5	20
Bromomethane	20.0	20.1		ug/L		100	60 - 140	3	20
Carbon disulfide	20.0	18.5		ug/L		92	60 - 140	6	20
Carbon tetrachloride	20.0	18.3		ug/L		91	70 - 130	8	20
Chlorobenzene	20.0	19.5		ug/L		97	70 - 130	7	20
Chloroethane	20.0	18.9		ug/L		94	60 - 140	7	20
Chloroform	20.0	18.5		ug/L		92	70 - 130	7	20
Chloromethane	20.0	18.0		ug/L		90	60 - 140	6	20
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	70 - 130	7	20
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	70 - 130	7	20
Cyclohexane	20.0	18.1		ug/L		91	70 - 130	6	20
Dibromochloromethane	20.0	18.8		ug/L		94	70 - 130	10	20
Dichlorodifluoromethane	20.0	19.1		ug/L		96	60 - 140	5	20
Ethylbenzene	20.0	18.2		ug/L		91	70 - 130	7	20
Freon 113	20.0	18.0		ug/L		90	70 - 130	10	20
Isopropylbenzene	20.0	18.5		ug/L		92	70 - 130	8	20
m&p-Xylene	40.0	36.9		ug/L		92	70 - 130	10	20
Methyl acetate	20.0	17.5		ug/L		87	70 - 130	5	20
Methyl tertiary butyl ether	20.0	18.4		ug/L		92	70 - 130	9	20
Methylcyclohexane	20.0	17.9		ug/L		90	70 - 130	9	20
Methylene Chloride	20.0	19.3		ug/L		97	70 - 130	6	20
o-Xylene	20.0	19.2		ug/L		96	70 - 130	6	20
Styrene	20.0	18.9		ug/L		94	70 - 130	4	20
Tetrachloroethene	20.0	19.1		ug/L		95	70 - 130	9	20
Toluene	20.0	18.3		ug/L		92	70 - 130	7	20
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	70 - 130	9	20
trans-1,3-Dichloropropene	20.0	17.1		ug/L		86	70 - 130	8	20
Trichloroethene	20.0	19.2		ug/L		96	70 - 130	7	20
Trichlorofluoromethane	20.0	18.1		ug/L		91	60 - 140	7	20
Vinyl chloride	20.0	19.3		ug/L		96	70 - 130	8	20
Xylenes, Total	60.0	56.1		ug/L		94	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	96		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-43825/1-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Anthracene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
2-Methylnaphthalene	ND		33	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Chrysene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Fluorene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Naphthalene	ND		17	6.7	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Phenanthrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1
Pyrene	ND		17	3.3	ug/Kg		09/15/20 09:45	09/15/20 17:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 17:34	1
Nitrobenzene-d5 (Surr)	67		30 - 130	09/15/20 09:45	09/15/20 17:34	1
p-Terphenyl-d14 (Surr)	96		30 - 130	09/15/20 09:45	09/15/20 17:34	1
2-Fluorophenol (Surr)	77		30 - 130	09/15/20 09:45	09/15/20 17:34	1
2-Fluorobiphenyl (Surr)	87		30 - 130	09/15/20 09:45	09/15/20 17:34	1
2,4,6-Tribromophenol (Surr)	101		30 - 130	09/15/20 09:45	09/15/20 17:34	1

Lab Sample ID: LCS 410-43825/2-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1360		ug/Kg		81	70 - 130
Acenaphthylene	1670	1500		ug/Kg		90	70 - 130
Anthracene	1670	1510		ug/Kg		91	70 - 130
2-Methylnaphthalene	1670	1390		ug/Kg		83	70 - 130
Benzo[a]anthracene	1670	1300		ug/Kg		78	70 - 130
Benzo[a]pyrene	1670	1480		ug/Kg		89	70 - 130
Benzo[b]fluoranthene	1670	1540		ug/Kg		92	70 - 130
Benzo[g,h,i]perylene	1670	1560		ug/Kg		94	70 - 130
Benzo[k]fluoranthene	1670	1510		ug/Kg		91	70 - 130
Chrysene	1670	1280		ug/Kg		77	70 - 130
Dibenz(a,h)anthracene	1670	1650		ug/Kg		98	70 - 130
Fluoranthene	1670	1470		ug/Kg		88	70 - 130
Fluorene	1670	1440		ug/Kg		86	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1540		ug/Kg		92	70 - 130
Naphthalene	1680	1290		ug/Kg		77	70 - 130
Phenanthrene	1670	1490		ug/Kg		89	70 - 130
Pyrene	1680	1320		ug/Kg		78	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43825/2-A

Matrix: Solid

Analysis Batch: 43973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43825

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	73		30 - 130
Nitrobenzene-d5 (Surr)	63		30 - 130
p-Terphenyl-d14 (Surr)	82		30 - 130
2-Fluorophenol (Surr)	73		30 - 130
2-Fluorobiphenyl (Surr)	82		30 - 130
2,4,6-Tribromophenol (Surr)	96		30 - 130

Lab Sample ID: MB 410-43829/1-A

Matrix: Solid

Analysis Batch: 44309

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Anthracene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Chrysene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Fluoranthene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Fluorene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Naphthalene	ND		17	6.7	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Phenanthrene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1
Pyrene	ND		17	3.3	ug/Kg		09/15/20 09:00	09/16/20 09:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		30 - 130	09/15/20 09:00	09/16/20 09:12	1
p-Terphenyl-d14 (Surr)	91		30 - 130	09/15/20 09:00	09/16/20 09:12	1
2-Fluorobiphenyl (Surr)	77		30 - 130	09/15/20 09:00	09/16/20 09:12	1

Lab Sample ID: LCS 410-43829/2-A

Matrix: Solid

Analysis Batch: 44309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1210		ug/Kg		73	70 - 130
Acenaphthylene	1670	1270		ug/Kg		76	70 - 130
Anthracene	1670	1610		ug/Kg		96	70 - 130
Benzo[a]anthracene	1670	1520		ug/Kg		91	70 - 130
Benzo[a]pyrene	1670	1620		ug/Kg		97	70 - 130
Benzo[b]fluoranthene	1670	1670		ug/Kg		100	70 - 130
Benzo[g,h,i]perylene	1670	1640		ug/Kg		98	70 - 130
Benzo[k]fluoranthene	1670	1600		ug/Kg		96	70 - 130
Chrysene	1670	1520		ug/Kg		91	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-43829/2-A

Matrix: Solid

Analysis Batch: 44309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	1670	1770		ug/Kg		106	70 - 130
Fluoranthene	1670	1470		ug/Kg		88	70 - 130
Fluorene	1670	1300		ug/Kg		78	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1720		ug/Kg		103	70 - 130
Naphthalene	1680	1280		ug/Kg		76	70 - 130
Phenanthrene	1670	1590		ug/Kg		95	70 - 130
Pyrene	1680	1410		ug/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	65		30 - 130
p-Terphenyl-d14 (Surr)	81		30 - 130
2-Fluorobiphenyl (Surr)	72		30 - 130

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 410-44146/4

Matrix: Solid

Analysis Batch: 44146

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.223	J	1.0	0.18	mg/Kg			09/15/20 20:19	25
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	89		50 - 142					09/15/20 20:19	25

Lab Sample ID: LCS 410-44146/5

Matrix: Solid

Analysis Batch: 44146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Data: 11/10									
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (1C)			11.0	9.05		mg/Kg		82	60 - 132
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
a,a,a-Trifluorotoluene (fid) (1C)	89		50 - 142						

Lab Sample ID: LCSD 410-44146/6

Matrix: Solid

Analysis Batch: 44146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
GRO (1C)			11.0	9.61		mg/Kg		87	60 - 132	6	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
a.a.a-Trifluorotoluene (fid) (1C)	89		50 - 142								

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 410-44578/4

Matrix: Solid

Analysis Batch: 44578

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.221	J	1.0	0.18	mg/Kg			09/16/20 18:36	25
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	90		50 - 142					09/16/20 18:36	25

Lab Sample ID: LCS 410-44578/5

Matrix: Solid

Analysis Batch: 44578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (1C)	11.0	10.9		mg/Kg		99	60 - 132		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
a,a,a-Trifluorotoluene (fid) (1C)	99		50 - 142						

Lab Sample ID: LCSD 410-44578/6

Matrix: Solid

Analysis Batch: 44578

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (1C)	11.0	11.0		mg/Kg		100	60 - 132	1	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
a,a,a-Trifluorotoluene (fid) (1C)	97		50 - 142						

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-43832/1-A

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		09/15/20 09:00	09/16/20 13:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	105		42 - 143				09/15/20 09:00	09/16/20 13:52	1

Lab Sample ID: LCS 410-43832/2-A

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28)	133	142		mg/Kg		106	76 - 117		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o- terphenyl (Surr)	117		42 - 143						

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 410-13470-5 MS

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: S-16A

Prep Type: Total/NA

Prep Batch: 43832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	430		138	565		mg/Kg	☆	96	76 - 117
Surrogate	MS %Recovery	MS Qualifier	Limits						
o- terphenyl (Surr)	120		42 - 143						

Lab Sample ID: 410-13470-5 DU

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: S-16A

Prep Type: Total/NA

Prep Batch: 43832

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
DRO (C10-C28)	430		418		mg/Kg	☆	4	20
Surrogate	DU %Recovery	DU Qualifier	Limits					
o- terphenyl (Surr)	109		42 - 143					

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-44304/1-A

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/16/20 09:15	09/18/20 13:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	119		30 - 150				09/16/20 09:15	09/18/20 13:44	1
DCB Decachlorobiphenyl (Surr) (2C)	115		30 - 150				09/16/20 09:15	09/18/20 13:44	1
Tetrachloro-m-xylene (1C)	106		30 - 150				09/16/20 09:15	09/18/20 13:44	1
Tetrachloro-m-xylene (2C)	106		30 - 150				09/16/20 09:15	09/18/20 13:44	1

Lab Sample ID: LCS 410-44304/2-A

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	163		ug/Kg		98	40 - 140
PCB-1260 (1C)	167	196		ug/Kg		118	40 - 140
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr) (1C)	124		30 - 150				

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 410-44304/2-A

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44304

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (2C)	118		30 - 150
Tetrachloro-m-xylene (1C)	97		30 - 150
Tetrachloro-m-xylene (2C)	104		30 - 150

Lab Sample ID: 410-13470-10 MS

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: S-18B

Prep Type: Total/NA

Prep Batch: 44304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	ND		200	178		ug/Kg	☼	89	30 - 150
PCB-1260 (1C)	ND		200	200		ug/Kg	☼	100	30 - 150

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	94		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	102		30 - 150
Tetrachloro-m-xylene (1C)	95		30 - 150
Tetrachloro-m-xylene (2C)	96		30 - 150

Lab Sample ID: 410-13470-10 MSD

Matrix: Solid

Analysis Batch: 45381

Client Sample ID: S-18B

Prep Type: Total/NA

Prep Batch: 44304

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016 (1C)	ND		199	182		ug/Kg	☼	91	30 - 150	2	30
PCB-1260 (1C)	ND		199	205		ug/Kg	☼	103	30 - 150	3	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	97		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	99		30 - 150
Tetrachloro-m-xylene (1C)	92		30 - 150
Tetrachloro-m-xylene (2C)	96		30 - 150

Lab Sample ID: MB 410-47674/1-A

Matrix: Solid

Analysis Batch: 48088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/25/20 09:25	09/26/20 15:10	1
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/25/20 09:25	09/26/20 15:10	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 410-47674/1-A

Matrix: Solid

Analysis Batch: 48088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47674

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	98		30 - 150	09/25/20 09:25	09/26/20 15:10	1
DCB Decachlorobiphenyl (Surr) (2C)	106		30 - 150	09/25/20 09:25	09/26/20 15:10	1
Tetrachloro-m-xylene (1C)	94		30 - 150	09/25/20 09:25	09/26/20 15:10	1
Tetrachloro-m-xylene (2C)	98		30 - 150	09/25/20 09:25	09/26/20 15:10	1

Lab Sample ID: LCS 410-47674/2-A

Matrix: Solid

Analysis Batch: 48088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	151		ug/Kg		91	40 - 140
PCB-1260 (1C)	168	161		ug/Kg		96	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	99		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	107		30 - 150
Tetrachloro-m-xylene (1C)	93		30 - 150
Tetrachloro-m-xylene (2C)	101		30 - 150

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-44577/1-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/16/20 15:58	09/17/20 20:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	93		40 - 140	09/16/20 15:58	09/17/20 20:23	1
o- terphenyl (Surr)	84		40 - 140	09/16/20 15:58	09/17/20 20:23	1

Lab Sample ID: LCS 410-44577/2-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total EPH (C9-C40)	145	130		mg/Kg		90	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctadecane (Surr)	76		40 - 140
o- terphenyl (Surr)	85		40 - 140

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-44577/3-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44577

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	145	131		mg/Kg		91	40 - 140	1	25
Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits						
1-Chlorooctadecane (Surr)	78		40 - 140						
o-terphenyl (Surr)	86		40 - 140						

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9

Lab Sample ID: MB 410-42689/1-B

Matrix: Solid

Analysis Batch: 43029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/10/20 18:24	09/11/20 17:12	1
Isotope Dilution	MB %Recovery	MB Qualifier	MB Limits			Prepared	Analyzed	Dil Fac	
13C5 PFHxA	91		11 - 138			09/10/20 18:24	09/11/20 17:12	1	
13C4 PFHpA	91		15 - 139			09/10/20 18:24	09/11/20 17:12	1	
13C8 PFOA	97		21 - 133			09/10/20 18:24	09/11/20 17:12	1	
13C9 PFNA	74		15 - 145			09/10/20 18:24	09/11/20 17:12	1	
13C6 PFDA	91		21 - 134			09/10/20 18:24	09/11/20 17:12	1	
13C7 PFUnA	85		15 - 138			09/10/20 18:24	09/11/20 17:12	1	
13C2-PFDoDA	94		28 - 126			09/10/20 18:24	09/11/20 17:12	1	
13C2 PFTeDA	87		10 - 138			09/10/20 18:24	09/11/20 17:12	1	
13C3 PFBS	81		23 - 130			09/10/20 18:24	09/11/20 17:12	1	
13C3 PFHxS	95		24 - 136			09/10/20 18:24	09/11/20 17:12	1	
13C8 PFOS	80		31 - 130			09/10/20 18:24	09/11/20 17:12	1	

Lab Sample ID: LCS 410-42689/2-B

Matrix: Solid

Analysis Batch: 43029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	25.0	25.3		ng/g		101	61 - 147
Perfluoroheptanoic acid	25.0	26.6		ng/g		106	61 - 151
Perfluorooctanoic acid	25.0	23.5		ng/g		94	62 - 144
Perfluorononanoic acid	25.0	24.1		ng/g		97	62 - 148
Perfluorodecanoic acid	25.0	23.0		ng/g		92	62 - 142

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9 (Continued)

Lab Sample ID: LCS 410-42689/2-B

Matrix: Solid

Analysis Batch: 43029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotridecanoic acid	25.0	23.4		ng/g		94	57 - 152
Perfluorotetradecanoic acid	25.0	24.4		ng/g		98	60 - 147
Perfluorobutanesulfonic acid	22.1	21.0		ng/g		95	62 - 137
Perfluorohexanesulfonic acid	23.6	20.6		ng/g		87	57 - 135
Perfluorooctanesulfonic acid	23.9	19.6		ng/g		82	48 - 134
Perfluoroundecanoic acid	25.0	24.9		ng/g		99	62 - 144
Perfluorododecanoic acid	25.0	24.4		ng/g		98	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	87		11 - 138
13C4 PFHpA	85		15 - 139
13C8 PFOA	88		21 - 133
13C9 PFNA	84		15 - 145
13C6 PFDA	84		21 - 134
13C7 PFUnA	84		15 - 138
13C2-PFDoDA	88		28 - 126
13C2 PFTeDA	88		10 - 138
13C3 PFBS	96		23 - 130
13C3 PFHxS	86		24 - 136
13C8 PFOS	91		31 - 130

Lab Sample ID: LCSD 410-42689/3-B

Matrix: Solid

Analysis Batch: 43029

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	24.9		ng/g		100	61 - 147	2	30
Perfluoroheptanoic acid	25.0	25.5		ng/g		102	61 - 151	4	30
Perfluorooctanoic acid	25.0	22.1		ng/g		88	62 - 144	6	30
Perfluorononanoic acid	25.0	25.7		ng/g		103	62 - 148	6	30
Perfluorodecanoic acid	25.0	23.7		ng/g		95	62 - 142	3	30
Perfluorotridecanoic acid	25.0	25.2		ng/g		101	57 - 152	7	30
Perfluorotetradecanoic acid	25.0	25.9		ng/g		104	60 - 147	6	30
Perfluorobutanesulfonic acid	22.1	20.4		ng/g		92	62 - 137	3	30
Perfluorohexanesulfonic acid	23.6	21.3		ng/g		90	57 - 135	3	30
Perfluorooctanesulfonic acid	23.9	20.4		ng/g		86	48 - 134	4	30
Perfluoroundecanoic acid	25.0	24.7	I	ng/g		99	62 - 144	1	30
Perfluorododecanoic acid	25.0	25.0		ng/g		100	60 - 147	2	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	83		11 - 138
13C4 PFHpA	87		15 - 139
13C8 PFOA	87		21 - 133
13C9 PFNA	76		15 - 145
13C6 PFDA	87		21 - 134
13C7 PFUnA	89		15 - 138
13C2-PFDoDA	87		28 - 126
13C2 PFTeDA	86		10 - 138
13C3 PFBS	85		23 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9 (Continued)

Lab Sample ID: LCSD 410-42689/3-B

Matrix: Solid

Analysis Batch: 43029

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42689

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C3 PFHxS	86		24 - 136
13C8 PFOS	87		31 - 130

Lab Sample ID: MB 410-43327/1-B

Matrix: Solid

Analysis Batch: 43471

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43327

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluoroheptanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorooctanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorononanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorodecanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorotridecanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorotetradecanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorobutanesulfonic acid	ND		2.0	0.40	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorohexanesulfonic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorooctanesulfonic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluoroundecanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1
Perfluorododecanoic acid	ND		0.60	0.20	ng/g		09/13/20 17:02	09/14/20 13:39	1

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFHxA	92		11 - 138	09/13/20 17:02	09/14/20 13:39	1
13C4 PFHpA	91		15 - 139	09/13/20 17:02	09/14/20 13:39	1
13C8 PFOA	95		21 - 133	09/13/20 17:02	09/14/20 13:39	1
13C9 PFNA	81		15 - 145	09/13/20 17:02	09/14/20 13:39	1
13C6 PFDA	87		21 - 134	09/13/20 17:02	09/14/20 13:39	1
13C7 PFUnA	85		15 - 138	09/13/20 17:02	09/14/20 13:39	1
13C2-PFDoDA	94		28 - 126	09/13/20 17:02	09/14/20 13:39	1
13C2 PFTeDA	96		10 - 138	09/13/20 17:02	09/14/20 13:39	1
13C3 PFBS	83		23 - 130	09/13/20 17:02	09/14/20 13:39	1
13C3 PFHxS	96		24 - 136	09/13/20 17:02	09/14/20 13:39	1
13C8 PFOS	91		31 - 130	09/13/20 17:02	09/14/20 13:39	1

Lab Sample ID: LCS 410-43327/2-B

Matrix: Solid

Analysis Batch: 43471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43327

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Perfluorohexanoic acid	25.0	25.0		ng/g		100	61 - 147
Perfluoroheptanoic acid	25.0	26.4		ng/g		106	61 - 151
Perfluorooctanoic acid	25.0	22.9		ng/g		91	62 - 144
Perfluorononanoic acid	25.0	25.7		ng/g		103	62 - 148
Perfluorodecanoic acid	25.0	22.8		ng/g		91	62 - 142
Perfluorotridecanoic acid	25.0	25.1		ng/g		100	57 - 152
Perfluorotetradecanoic acid	25.0	25.6		ng/g		102	60 - 147
Perfluorobutanesulfonic acid	22.1	21.2		ng/g		96	62 - 137
Perfluorohexanesulfonic acid	23.6	21.0		ng/g		89	57 - 135
Perfluorooctanesulfonic acid	23.9	20.1		ng/g		84	48 - 134

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI12031 r9 - SOP T-PFAS-WI12031 Rev.9 (Continued)

Lab Sample ID: LCS 410-43327/2-B

Matrix: Solid

Analysis Batch: 43471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroundecanoic acid	25.0	24.1		ng/g		96	62 - 144
Perfluorododecanoic acid	25.0	23.0		ng/g		92	60 - 147

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	86		11 - 138
13C4 PFHpA	90		15 - 139
13C8 PFOA	90		21 - 133
13C9 PFNA	75		15 - 145
13C6 PFDA	85		21 - 134
13C7 PFUnA	87		15 - 138
13C2-PFDoDA	89		28 - 126
13C2 PFTeDA	90		10 - 138
13C3 PFBS	81		23 - 130
13C3 PFHxS	92		24 - 136
13C8 PFOS	85		31 - 130

Lab Sample ID: LCSD 410-43327/3-B

Matrix: Solid

Analysis Batch: 43471

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43327

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	25.0	25.9		ng/g		104	61 - 147	4	30
Perfluoroheptanoic acid	25.0	26.3		ng/g		105	61 - 151	1	30
Perfluorooctanoic acid	25.0	23.5		ng/g		94	62 - 144	3	30
Perfluorononanoic acid	25.0	23.2		ng/g		93	62 - 148	10	30
Perfluorodecanoic acid	25.0	24.3		ng/g		97	62 - 142	7	30
Perfluorotridecanoic acid	25.0	27.1		ng/g		108	57 - 152	7	30
Perfluorotetradecanoic acid	25.0	25.3		ng/g		101	60 - 147	1	30
Perfluorobutanesulfonic acid	22.1	20.3		ng/g		92	62 - 137	4	30
Perfluorohexanesulfonic acid	23.6	20.6		ng/g		87	57 - 135	2	30
Perfluorooctanesulfonic acid	23.9	19.0		ng/g		80	48 - 134	6	30
Perfluoroundecanoic acid	25.0	25.0		ng/g		100	62 - 144	4	30
Perfluorododecanoic acid	25.0	25.5		ng/g		102	60 - 147	10	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFHxA	88		11 - 138
13C4 PFHpA	89		15 - 139
13C8 PFOA	88		21 - 133
13C9 PFNA	78		15 - 145
13C6 PFDA	85		21 - 134
13C7 PFUnA	89		15 - 138
13C2-PFDoDA	87		28 - 126
13C2 PFTeDA	94		10 - 138
13C3 PFBS	82		23 - 130
13C3 PFHxS	92		24 - 136
13C8 PFOS	85		31 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Lab Sample ID: MB 410-42674/1-A

Matrix: Water

Analysis Batch: 43031

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/10/20 17:54	09/11/20 20:18	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	89		45 - 135	09/10/20 17:54	09/11/20 20:18	1
13C2-PFDoDA	99		20 - 148	09/10/20 17:54	09/11/20 20:18	1
13C4 PFHpA	89		34 - 143	09/10/20 17:54	09/11/20 20:18	1
13C3 PFHxS	95		38 - 144	09/10/20 17:54	09/11/20 20:18	1
13C5 PFHxA	92		30 - 143	09/10/20 17:54	09/11/20 20:18	1
13C9 PFNA	79		36 - 151	09/10/20 17:54	09/11/20 20:18	1
13C8 PFOA	99		37 - 141	09/10/20 17:54	09/11/20 20:18	1
13C2 PFTeDA	97		10 - 158	09/10/20 17:54	09/11/20 20:18	1
13C7 PFUnA	94		33 - 148	09/10/20 17:54	09/11/20 20:18	1
13C3 PFBS	99		11 - 191	09/10/20 17:54	09/11/20 20:18	1
13C8 PFOS	88		42 - 136	09/10/20 17:54	09/11/20 20:18	1

Lab Sample ID: LCS 410-42674/2-A

Matrix: Water

Analysis Batch: 43031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid	5.66	5.46		ng/L		97	70 - 130
Perfluorodecanoic acid	6.40	5.85		ng/L		91	70 - 130
Perfluorododecanoic acid	6.40	6.63		ng/L		104	70 - 130
Perfluoroheptanoic acid	6.40	6.84		ng/L		107	70 - 130
Perfluorohexanesulfonic acid	6.05	5.70		ng/L		94	70 - 130
Perfluorohexanoic acid	6.40	6.45		ng/L		101	70 - 130
Perfluorononanoic acid	6.40	6.07		ng/L		95	70 - 130
Perfluorooctanesulfonic acid	6.12	5.20		ng/L		85	70 - 130
Perfluorooctanoic acid	6.40	5.59		ng/L		87	70 - 130
Perfluorotetradecanoic acid	6.40	6.83		ng/L		107	70 - 130
Perfluorotridecanoic acid	6.40	6.15		ng/L		96	70 - 130
Perfluoroundecanoic acid	6.40	6.21		ng/L		97	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C6 PFDA	99		45 - 135
13C2-PFDoDA	106		20 - 148
13C4 PFHpA	94		34 - 143
13C3 PFHxS	95		38 - 144

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LCS 410-42674/2-A

Matrix: Water

Analysis Batch: 43031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42674

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFHxA	95		30 - 143
13C9 PFNA	85		36 - 151
13C8 PFOA	99		37 - 141
13C2 PFTeDA	98		10 - 158
13C7 PFUnA	98		33 - 148
13C3 PFBS	103		11 - 191
13C8 PFOS	95		42 - 136

Lab Sample ID: LCSD 410-42674/3-A

Matrix: Water

Analysis Batch: 43031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42674

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid	5.66	5.10		ng/L		90	70 - 130	7	30
Perfluorodecanoic acid	6.40	6.34		ng/L		99	70 - 130	8	30
Perfluorododecanoic acid	6.40	6.35		ng/L		99	70 - 130	4	30
Perfluoroheptanoic acid	6.40	6.89		ng/L		108	70 - 130	1	30
Perfluorohexanesulfonic acid	6.05	5.53		ng/L		91	70 - 130	3	30
Perfluorohexanoic acid	6.40	6.37		ng/L		100	70 - 130	1	30
Perfluorononanoic acid	6.40	6.82		ng/L		107	70 - 130	12	30
Perfluorooctanesulfonic acid	6.12	5.18		ng/L		85	70 - 130	0	30
Perfluorooctanoic acid	6.40	5.80		ng/L		91	70 - 130	4	30
Perfluorotetradecanoic acid	6.40	6.40		ng/L		100	70 - 130	7	30
Perfluorotridecanoic acid	6.40	6.06		ng/L		95	70 - 130	2	30
Perfluoroundecanoic acid	6.40	7.27	I	ng/L		114	70 - 130	16	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C6 PFDA	85		45 - 135
13C2-PFDoDA	94		20 - 148
13C4 PFHpA	88		34 - 143
13C3 PFHxS	93		38 - 144
13C5 PFHxA	90		30 - 143
13C9 PFNA	75		36 - 151
13C8 PFOA	92		37 - 141
13C2 PFTeDA	86		10 - 158
13C7 PFUnA	86		33 - 148
13C3 PFBS	87		11 - 191
13C8 PFOS	85		42 - 136

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-42800/1-A

Matrix: Solid

Analysis Batch: 43669

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.7	1.1	mg/Kg		09/11/20 04:46	09/14/20 14:50	1
Barium	ND		0.44	0.13	mg/Kg		09/11/20 04:46	09/14/20 14:50	1
Cadmium	ND		0.44	0.088	mg/Kg		09/11/20 04:46	09/14/20 14:50	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-42800/1-A
Matrix: Solid
Analysis Batch: 43669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.3	0.16	mg/Kg		09/11/20 04:46	09/14/20 14:50	1
Lead	ND		1.3	0.53	mg/Kg		09/11/20 04:46	09/14/20 14:50	1
Silver	ND		0.88	0.35	mg/Kg		09/11/20 04:46	09/14/20 14:50	1

Lab Sample ID: MB 410-42800/1-A
Matrix: Solid
Analysis Batch: 43778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		4.4	1.3	mg/Kg		09/11/20 04:46	09/14/20 23:02	1

Lab Sample ID: LCS 410-42800/2-A
Matrix: Solid
Analysis Batch: 43669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.971	1.00		mg/Kg		103	80 - 120
Cadmium	0.967	0.996		mg/Kg		103	80 - 120
Chromium	2.91	2.85		mg/Kg		98	80 - 120
Silver	1.94	1.96		mg/Kg		101	80 - 120

Lab Sample ID: LCS 410-42800/2-A
Matrix: Solid
Analysis Batch: 43778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.83	6.11		mg/Kg		105	80 - 120
Lead	2.91	2.87		mg/Kg		99	80 - 120
Selenium	9.79	9.67		mg/Kg		99	80 - 120

Lab Sample ID: MB 410-43360/1-A
Matrix: Solid
Analysis Batch: 45294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.49	0.15	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Cadmium	ND		0.49	0.098	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Chromium	ND		1.5	0.18	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Lead	ND		1.5	0.59	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Selenium	ND		4.9	1.5	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Silver	ND		0.98	0.39	mg/Kg		09/14/20 05:20	09/17/20 16:34	1

Lab Sample ID: MB 410-43360/1-A
Matrix: Solid
Analysis Batch: 45954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.9	1.2	mg/Kg		09/14/20 05:20	09/21/20 05:18	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-43360/2-A

Matrix: Solid

Analysis Batch: 45294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.976	1.01		mg/Kg		104	80 - 120
Chromium	2.94	3.33		mg/Kg		113	80 - 120
Selenium	9.89	10.4		mg/Kg		105	80 - 120
Silver	1.96	2.13		mg/Kg		109	80 - 120

Lab Sample ID: LCS 410-43360/2-A

Matrix: Solid

Analysis Batch: 45954

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.88	6.18		mg/Kg		105	80 - 120
Barium	0.980	1.07		mg/Kg		109	80 - 120
Lead	2.94	2.94		mg/Kg		100	80 - 120

Lab Sample ID: MB 410-43536/1-A

Matrix: Solid

Analysis Batch: 44590

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43536

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:10	09/16/20 13:53	1
Chromium	ND		0.015	0.0016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:10	09/16/20 13:53	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:10	09/16/20 13:53	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:10	09/16/20 13:53	1

Lab Sample ID: LCS 410-43536/2-A

Matrix: Solid

Analysis Batch: 44590

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0721		mg/L		120	80 - 120
Barium	0.0100	0.00939		mg/L		94	80 - 120
Cadmium	0.00996	0.0102		mg/L		102	80 - 120
Chromium	0.0300	0.0289		mg/L		96	80 - 120
Selenium	0.101	0.146 *		mg/L		145	80 - 120

Lab Sample ID: LCS 410-43536/2-A

Matrix: Solid

Analysis Batch: 45000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.0300	0.0342		mg/L		114	80 - 120

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-43544/1-A
Matrix: Solid
Analysis Batch: 44579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Barium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Cadmium	ND		0.0050	0.0010	mg/L		09/14/20 11:27	09/16/20 13:38	1
Chromium	0.00169	J	0.015	0.0016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Lead	ND		0.015	0.0071	mg/L		09/14/20 11:27	09/16/20 13:38	1
Selenium	ND		0.050	0.016	mg/L		09/14/20 11:27	09/16/20 13:38	1
Silver	ND		0.010	0.0050	mg/L		09/14/20 11:27	09/16/20 13:38	1

Lab Sample ID: LCS 410-43544/2-A
Matrix: Solid
Analysis Batch: 44579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0651		mg/L		109	80 - 120
Cadmium	0.00996	0.0101		mg/L		101	80 - 120
Chromium	0.0300	0.0310		mg/L		103	80 - 120
Lead	0.0300	0.0295		mg/L		99	80 - 120
Selenium	0.101	0.115		mg/L		114	80 - 120
Silver	0.0200	0.0221		mg/L		111	80 - 120

Lab Sample ID: LCS 410-43544/2-A
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0100	0.00939		mg/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-43557/1-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 11:51	09/14/20 19:52	1

Lab Sample ID: LCS 410-43557/2-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.16		ug/L		116	80 - 120

Lab Sample ID: MB 410-43562/1-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/14/20 12:09	09/14/20 21:36	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-43562/2-A
Matrix: Solid
Analysis Batch: 43758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-44011/1-A
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.059	0.025	mg/Kg		09/15/20 12:03	09/17/20 18:22	1

Lab Sample ID: LCS 410-44011/2-A
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.156	0.175		mg/Kg		112	80 - 120

Lab Sample ID: 410-13470-6 MS
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: S-16B
Prep Type: Total/NA
Prep Batch: 44011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.169	0.194		mg/Kg	✱	115	75 - 125

Lab Sample ID: 410-13470-6 MSD
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: S-16B
Prep Type: Total/NA
Prep Batch: 44011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.172	0.195		mg/Kg	✱	114	75 - 125	1	35

Lab Sample ID: 410-13470-6 DU
Matrix: Solid
Analysis Batch: 45150

Client Sample ID: S-16B
Prep Type: Total/NA
Prep Batch: 44011

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		mg/Kg	✱	NC	50

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 410-44927/1
Matrix: Solid
Analysis Batch: 44927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	83.00		Degrees F		102	96.9 - 103.1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method (Continued)

Lab Sample ID: LCSD 410-44927/2

Matrix: Solid

Analysis Batch: 44927

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	81.0	82.00		Degrees F		101	96.9 - 103.1	1	4

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 410-44856/1-A

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/17/20 08:30	09/17/20 22:31	1

Lab Sample ID: LCS 410-44856/2-A

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		4	0 - 5.14

Lab Sample ID: 410-13470-12 MS

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: S-19B

Prep Type: Total/NA

Prep Batch: 44856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	ND		921	ND		mg/Kg		0	0 - 44

Lab Sample ID: 410-13470-12 MSD

Matrix: Solid

Analysis Batch: 45193

Client Sample ID: S-19B

Prep Type: Total/NA

Prep Batch: 44856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Reactive	ND		932	ND		mg/Kg		0	0 - 44	NC	11

Lab Sample ID: MB 410-46352/1-A

Matrix: Solid

Analysis Batch: 46657

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/22/20 08:17	09/22/20 18:57	1

Lab Sample ID: LCS 410-46352/2-A

Matrix: Solid

Analysis Batch: 46657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		2	0 - 5.14

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 410-44856/1-A
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/17/20 08:30	09/17/20 12:22	1

Lab Sample ID: LCS 410-44856/25-A
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	466		mg/Kg		87	56 - 104

Lab Sample ID: 410-13470-12 MS
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: S-19B
Prep Type: Total/NA
Prep Batch: 44856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	ND	F1	535	256	F1	mg/Kg		48	56 - 104

Lab Sample ID: 410-13470-12 MSD
Matrix: Solid
Analysis Batch: 44964

Client Sample ID: S-19B
Prep Type: Total/NA
Prep Batch: 44856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Sulfide, Reactive	ND	F1	535	261	F1	mg/Kg		49	56 - 104	2	52

Lab Sample ID: MB 410-46352/1-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/22/20 08:17	09/22/20 12:11	1

Lab Sample ID: LCS 410-46352/25-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	441		mg/Kg		82	56 - 104

Method: 9045D - pH

Lab Sample ID: LCS 410-43210/1-A
Matrix: Solid
Analysis Batch: 43242

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		S.U.		101	95 - 105

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

GC/MS VOA

Prep Batch: 42683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	5035	
410-13470-5 - RA	S-16A	Total/NA	Solid	5035	
410-13470-6 - RA	S-16B	Total/NA	Solid	5035	
410-13470-6	S-16B	Total/NA	Solid	5035	
410-13470-7	S-17A	Total/NA	Solid	5035	
410-13470-8	S-17B	Total/NA	Solid	5035	
410-13470-8 - RA	S-17B	Total/NA	Solid	5035	
410-13470-9	S-18A	Total/NA	Solid	5035	
410-13470-9 - RA	S-18A	Total/NA	Solid	5035	
410-13470-10	S-18B	Total/NA	Solid	5035	
410-13470-11	S-19A	Total/NA	Solid	5035	
410-13470-12	S-19B	Total/NA	Solid	5035	
410-13470-13 - RA	S-20A	Total/NA	Solid	5035	
410-13470-13	S-20A	Total/NA	Solid	5035	
410-13470-14	S-20B	Total/NA	Solid	5035	

Analysis Batch: 43445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	8260C	42683
410-13470-6	S-16B	Total/NA	Solid	8260C	42683
410-13470-7	S-17A	Total/NA	Solid	8260C	42683
410-13470-8	S-17B	Total/NA	Solid	8260C	42683
410-13470-9	S-18A	Total/NA	Solid	8260C	42683
410-13470-10	S-18B	Total/NA	Solid	8260C	42683
410-13470-11	S-19A	Total/NA	Solid	8260C	42683
410-13470-12	S-19B	Total/NA	Solid	8260C	42683
410-13470-13	S-20A	Total/NA	Solid	8260C	42683
410-13470-14	S-20B	Total/NA	Solid	8260C	42683
MB 410-43445/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-43445/28	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-43445/29	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 43684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5 - RA	S-16A	Total/NA	Solid	8260C	42683
410-13470-6 - RA	S-16B	Total/NA	Solid	8260C	42683
410-13470-8 - RA	S-17B	Total/NA	Solid	8260C	42683
410-13470-9 - RA	S-18A	Total/NA	Solid	8260C	42683
410-13470-13 - RA	S-20A	Total/NA	Solid	8260C	42683
MB 410-43684/10	Method Blank	Total/NA	Solid	8260C	
LCS 410-43684/7	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-43684/8	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 45156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-17	TB-4	Total/NA	Water	8260C	
MB 410-45156/7	Method Blank	Total/NA	Water	8260C	
LCS 410-45156/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-45156/5	Lab Control Sample Dup	Total/NA	Water	8260C	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

GC/MS Semi VOA

Prep Batch: 43825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	3546	
410-13470-2	S-7B	Total/NA	Solid	3546	
410-13470-3	S-8A	Total/NA	Solid	3546	
410-13470-4	S-8B	Total/NA	Solid	3546	
410-13470-5	S-16A	Total/NA	Solid	3546	
410-13470-6	S-16B	Total/NA	Solid	3546	
410-13470-7	S-17A	Total/NA	Solid	3546	
410-13470-8	S-17B	Total/NA	Solid	3546	
MB 410-43825/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43825/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 43829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-9	S-18A	Total/NA	Solid	3546	
410-13470-10	S-18B	Total/NA	Solid	3546	
410-13470-11	S-19A	Total/NA	Solid	3546	
410-13470-12	S-19B	Total/NA	Solid	3546	
410-13470-13	S-20A	Total/NA	Solid	3546	
410-13470-14	S-20B	Total/NA	Solid	3546	
MB 410-43829/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43829/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 43973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	8270D	43825
410-13470-2	S-7B	Total/NA	Solid	8270D	43825
410-13470-3	S-8A	Total/NA	Solid	8270D	43825
410-13470-4	S-8B	Total/NA	Solid	8270D	43825
410-13470-5	S-16A	Total/NA	Solid	8270D	43825
410-13470-6	S-16B	Total/NA	Solid	8270D	43825
410-13470-7	S-17A	Total/NA	Solid	8270D	43825
410-13470-8	S-17B	Total/NA	Solid	8270D	43825
MB 410-43825/1-A	Method Blank	Total/NA	Solid	8270D	43825
LCS 410-43825/2-A	Lab Control Sample	Total/NA	Solid	8270D	43825

Analysis Batch: 44309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-9	S-18A	Total/NA	Solid	8270D	43829
410-13470-10	S-18B	Total/NA	Solid	8270D	43829
410-13470-11	S-19A	Total/NA	Solid	8270D	43829
410-13470-12	S-19B	Total/NA	Solid	8270D	43829
410-13470-13	S-20A	Total/NA	Solid	8270D	43829
410-13470-14	S-20B	Total/NA	Solid	8270D	43829
MB 410-43829/1-A	Method Blank	Total/NA	Solid	8270D	43829
LCS 410-43829/2-A	Lab Control Sample	Total/NA	Solid	8270D	43829

GC VOA

Prep Batch: 42685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	5035	

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QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

GC VOA (Continued)

Prep Batch: 42685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-6	S-16B	Total/NA	Solid	5035	
410-13470-7	S-17A	Total/NA	Solid	5035	
410-13470-8	S-17B	Total/NA	Solid	5035	
410-13470-9	S-18A	Total/NA	Solid	5035	
410-13470-10	S-18B	Total/NA	Solid	5035	
410-13470-11	S-19A	Total/NA	Solid	5035	
410-13470-12	S-19B	Total/NA	Solid	5035	
410-13470-13	S-20A	Total/NA	Solid	5035	
410-13470-14	S-20B	Total/NA	Solid	5035	

Analysis Batch: 44146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	8015D	42685
410-13470-7	S-17A	Total/NA	Solid	8015D	42685
410-13470-9	S-18A	Total/NA	Solid	8015D	42685
410-13470-10	S-18B	Total/NA	Solid	8015D	42685
410-13470-11	S-19A	Total/NA	Solid	8015D	42685
410-13470-14	S-20B	Total/NA	Solid	8015D	42685
MB 410-44146/4	Method Blank	Total/NA	Solid	8015D	
LCS 410-44146/5	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-44146/6	Lab Control Sample Dup	Total/NA	Solid	8015D	

Analysis Batch: 44578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-6	S-16B	Total/NA	Solid	8015D	42685
410-13470-8	S-17B	Total/NA	Solid	8015D	42685
410-13470-12	S-19B	Total/NA	Solid	8015D	42685
410-13470-13	S-20A	Total/NA	Solid	8015D	42685
MB 410-44578/4	Method Blank	Total/NA	Solid	8015D	
LCS 410-44578/5	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-44578/6	Lab Control Sample Dup	Total/NA	Solid	8015D	

GC Semi VOA

Prep Batch: 43625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	3546	
410-13470-6	S-16B	Total/NA	Solid	3546	
410-13470-7	S-17A	Total/NA	Solid	3546	
410-13470-8	S-17B	Total/NA	Solid	3546	
410-13470-9	S-18A	Total/NA	Solid	3546	

Prep Batch: 43832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	3546	
410-13470-6	S-16B	Total/NA	Solid	3546	
410-13470-7	S-17A	Total/NA	Solid	3546	
410-13470-8	S-17B	Total/NA	Solid	3546	
410-13470-9	S-18A	Total/NA	Solid	3546	
410-13470-10	S-18B	Total/NA	Solid	3546	
410-13470-11	S-19A	Total/NA	Solid	3546	

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QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

GC Semi VOA (Continued)

Prep Batch: 43832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-12	S-19B	Total/NA	Solid	3546	
410-13470-13	S-20A	Total/NA	Solid	3546	
410-13470-14	S-20B	Total/NA	Solid	3546	
MB 410-43832/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43832/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13470-5 MS	S-16A	Total/NA	Solid	3546	
410-13470-5 DU	S-16A	Total/NA	Solid	3546	

Prep Batch: 44304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-10	S-18B	Total/NA	Solid	3546	
410-13470-11	S-19A	Total/NA	Solid	3546	
410-13470-13	S-20A	Total/NA	Solid	3546	
410-13470-14	S-20B	Total/NA	Solid	3546	
MB 410-44304/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44304/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13470-10 MS	S-18B	Total/NA	Solid	3546	
410-13470-10 MSD	S-18B	Total/NA	Solid	3546	

Analysis Batch: 44433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	8015D	43832
410-13470-6	S-16B	Total/NA	Solid	8015D	43832
410-13470-7	S-17A	Total/NA	Solid	8015D	43832
410-13470-8	S-17B	Total/NA	Solid	8015D	43832
410-13470-9	S-18A	Total/NA	Solid	8015D	43832
410-13470-10	S-18B	Total/NA	Solid	8015D	43832
410-13470-11	S-19A	Total/NA	Solid	8015D	43832
410-13470-12	S-19B	Total/NA	Solid	8015D	43832
410-13470-13	S-20A	Total/NA	Solid	8015D	43832
410-13470-14	S-20B	Total/NA	Solid	8015D	43832
MB 410-43832/1-A	Method Blank	Total/NA	Solid	8015D	43832
LCS 410-43832/2-A	Lab Control Sample	Total/NA	Solid	8015D	43832
410-13470-5 MS	S-16A	Total/NA	Solid	8015D	43832
410-13470-5 DU	S-16A	Total/NA	Solid	8015D	43832

Prep Batch: 44577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	3546	
410-13470-2	S-7B	Total/NA	Solid	3546	
410-13470-3	S-8A	Total/NA	Solid	3546	
410-13470-4	S-8B	Total/NA	Solid	3546	
MB 410-44577/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 44923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-2	S-7B	Total/NA	Solid	NJ EPH	44577
410-13470-3	S-8A	Total/NA	Solid	NJ EPH	44577
410-13470-4	S-8B	Total/NA	Solid	NJ EPH	44577

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

GC Semi VOA (Continued)

Analysis Batch: 44923 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-44577/1-A	Method Blank	Total/NA	Solid	NJ EPH	44577
LCS 410-44577/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	44577
LCSD 410-44577/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	44577

Analysis Batch: 45381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	8082A	43625
410-13470-6	S-16B	Total/NA	Solid	8082A	43625
410-13470-7	S-17A	Total/NA	Solid	8082A	43625
410-13470-8	S-17B	Total/NA	Solid	8082A	43625
410-13470-9	S-18A	Total/NA	Solid	8082A	43625
410-13470-10	S-18B	Total/NA	Solid	8082A	44304
410-13470-11	S-19A	Total/NA	Solid	8082A	44304
410-13470-13	S-20A	Total/NA	Solid	8082A	44304
410-13470-14	S-20B	Total/NA	Solid	8082A	44304
MB 410-44304/1-A	Method Blank	Total/NA	Solid	8082A	44304
LCS 410-44304/2-A	Lab Control Sample	Total/NA	Solid	8082A	44304
410-13470-10 MS	S-18B	Total/NA	Solid	8082A	44304
410-13470-10 MSD	S-18B	Total/NA	Solid	8082A	44304

Analysis Batch: 46500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	NJ EPH	44577

Prep Batch: 47674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-12	S-19B	Total/NA	Solid	3546	
MB 410-47674/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-47674/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 48088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-12	S-19B	Total/NA	Solid	8082A	47674
MB 410-47674/1-A	Method Blank	Total/NA	Solid	8082A	47674
LCS 410-47674/2-A	Lab Control Sample	Total/NA	Solid	8082A	47674

LCMS

Prep Batch: 42674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-15	FB-4	Total/NA	Water	537 IDA	
410-13470-16	RB-4	Total/NA	Water	537 IDA	
MB 410-42674/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-42674/2-A	Lab Control Sample	Total/NA	Water	537 IDA	
LCSD 410-42674/3-A	Lab Control Sample Dup	Total/NA	Water	537 IDA	

Prep Batch: 42689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	T-WI12031 r9	
410-13470-5	S-16A	Total/NA	Solid	T-WI12031 r9	
410-13470-6	S-16B	Total/NA	Solid	T-WI12031 r9	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

LCMS (Continued)

Prep Batch: 42689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-11	S-19A	Total/NA	Solid	T-WI12031 r9	
410-13470-12	S-19B	Total/NA	Solid	T-WI12031 r9	
MB 410-42689/1-B	Method Blank	Total/NA	Solid	T-WI12031 r9	
LCS 410-42689/2-B	Lab Control Sample	Total/NA	Solid	T-WI12031 r9	
LCSD 410-42689/3-B	Lab Control Sample Dup	Total/NA	Solid	T-WI12031 r9	

Cleanup Batch: 42690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	Extract Aliquot	42689
410-13470-5	S-16A	Total/NA	Solid	Extract Aliquot	42689
410-13470-6	S-16B	Total/NA	Solid	Extract Aliquot	42689
410-13470-11	S-19A	Total/NA	Solid	Extract Aliquot	42689
410-13470-12	S-19B	Total/NA	Solid	Extract Aliquot	42689
MB 410-42689/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	42689
LCS 410-42689/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	42689
LCSD 410-42689/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	42689

Analysis Batch: 43029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	T-WI12031 r9	42690
410-13470-5	S-16A	Total/NA	Solid	T-WI12031 r9	42690
410-13470-11	S-19A	Total/NA	Solid	T-WI12031 r9	42690
410-13470-12	S-19B	Total/NA	Solid	T-WI12031 r9	42690
MB 410-42689/1-B	Method Blank	Total/NA	Solid	T-WI12031 r9	42690
LCS 410-42689/2-B	Lab Control Sample	Total/NA	Solid	T-WI12031 r9	42690
LCSD 410-42689/3-B	Lab Control Sample Dup	Total/NA	Solid	T-WI12031 r9	42690

Analysis Batch: 43031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-15	FB-4	Total/NA	Water	T-WI21398 ver4	42674
410-13470-16	RB-4	Total/NA	Water	T-WI21398 ver4	42674
MB 410-42674/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	42674
LCS 410-42674/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	42674
LCSD 410-42674/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	42674

Prep Batch: 43327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-2	S-7B	Total/NA	Solid	T-WI12031 r9	
MB 410-43327/1-B	Method Blank	Total/NA	Solid	T-WI12031 r9	
LCS 410-43327/2-B	Lab Control Sample	Total/NA	Solid	T-WI12031 r9	
LCSD 410-43327/3-B	Lab Control Sample Dup	Total/NA	Solid	T-WI12031 r9	

Cleanup Batch: 43328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-2	S-7B	Total/NA	Solid	Extract Aliquot	43327
MB 410-43327/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	43327
LCS 410-43327/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	43327
LCSD 410-43327/3-B	Lab Control Sample Dup	Total/NA	Solid	Extract Aliquot	43327

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

LCMS

Analysis Batch: 43471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-2	S-7B	Total/NA	Solid	T-WI12031 r9	43328
410-13470-6	S-16B	Total/NA	Solid	T-WI12031 r9	42690
MB 410-43327/1-B	Method Blank	Total/NA	Solid	T-WI12031 r9	43328
LCS 410-43327/2-B	Lab Control Sample	Total/NA	Solid	T-WI12031 r9	43328
LCSD 410-43327/3-B	Lab Control Sample Dup	Total/NA	Solid	T-WI12031 r9	43328

Metals

Prep Batch: 42800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-6	S-16B	Total/NA	Solid	3050B	
410-13470-9	S-18A	Total/NA	Solid	3050B	
410-13470-10	S-18B	Total/NA	Solid	3050B	
410-13470-11	S-19A	Total/NA	Solid	3050B	
410-13470-12	S-19B	Total/NA	Solid	3050B	
410-13470-13	S-20A	Total/NA	Solid	3050B	
410-13470-14	S-20B	Total/NA	Solid	3050B	
MB 410-42800/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-42800/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 42946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	1311	
410-13470-6	S-16B	TCLP	Solid	1311	
410-13470-7	S-17A	TCLP	Solid	1311	
410-13470-8	S-17B	TCLP	Solid	1311	
410-13470-9	S-18A	TCLP	Solid	1311	
410-13470-10	S-18B	TCLP	Solid	1311	
410-13470-11	S-19A	TCLP	Solid	1311	
410-13470-12	S-19B	TCLP	Solid	1311	
410-13470-13	S-20A	TCLP	Solid	1311	
410-13470-14	S-20B	TCLP	Solid	1311	

Prep Batch: 43360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	3050B	
410-13470-7	S-17A	Total/NA	Solid	3050B	
410-13470-8	S-17B	Total/NA	Solid	3050B	
MB 410-43360/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 43536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	3010A	42946
410-13470-6	S-16B	TCLP	Solid	3010A	42946
410-13470-7	S-17A	TCLP	Solid	3010A	42946
410-13470-8	S-17B	TCLP	Solid	3010A	42946
410-13470-9	S-18A	TCLP	Solid	3010A	42946
410-13470-10	S-18B	TCLP	Solid	3010A	42946
410-13470-11	S-19A	TCLP	Solid	3010A	42946
410-13470-12	S-19B	TCLP	Solid	3010A	42946

Euofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Metals (Continued)

Prep Batch: 43536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-14	S-20B	TCLP	Solid	3010A	42946
MB 410-43536/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 43544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	TCLP	Solid	3010A	42946
MB 410-43544/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 43557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	7470A	42946
410-13470-6	S-16B	TCLP	Solid	7470A	42946
410-13470-7	S-17A	TCLP	Solid	7470A	42946
410-13470-8	S-17B	TCLP	Solid	7470A	42946
410-13470-9	S-18A	TCLP	Solid	7470A	42946
410-13470-10	S-18B	TCLP	Solid	7470A	42946
410-13470-11	S-19A	TCLP	Solid	7470A	42946
410-13470-12	S-19B	TCLP	Solid	7470A	42946
410-13470-14	S-20B	TCLP	Solid	7470A	42946
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 43562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	TCLP	Solid	7470A	42946
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 43669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-6	S-16B	Total/NA	Solid	6010D	42800
410-13470-9	S-18A	Total/NA	Solid	6010D	42800
410-13470-10	S-18B	Total/NA	Solid	6010D	42800
410-13470-11	S-19A	Total/NA	Solid	6010D	42800
410-13470-11	S-19A	Total/NA	Solid	6010D	42800
410-13470-12	S-19B	Total/NA	Solid	6010D	42800
410-13470-12	S-19B	Total/NA	Solid	6010D	42800
410-13470-13	S-20A	Total/NA	Solid	6010D	42800
410-13470-14	S-20B	Total/NA	Solid	6010D	42800
410-13470-14	S-20B	Total/NA	Solid	6010D	42800
MB 410-42800/1-A	Method Blank	Total/NA	Solid	6010D	42800
LCS 410-42800/2-A	Lab Control Sample	Total/NA	Solid	6010D	42800

Analysis Batch: 43758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	7470A	43557
410-13470-6	S-16B	TCLP	Solid	7470A	43557
410-13470-7	S-17A	TCLP	Solid	7470A	43557
410-13470-8	S-17B	TCLP	Solid	7470A	43557

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Metals (Continued)

Analysis Batch: 43758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-9	S-18A	TCLP	Solid	7470A	43557
410-13470-10	S-18B	TCLP	Solid	7470A	43557
410-13470-11	S-19A	TCLP	Solid	7470A	43557
410-13470-12	S-19B	TCLP	Solid	7470A	43557
410-13470-13	S-20A	TCLP	Solid	7470A	43562
410-13470-14	S-20B	TCLP	Solid	7470A	43557
MB 410-43557/1-A	Method Blank	Total/NA	Solid	7470A	43557
MB 410-43562/1-A	Method Blank	Total/NA	Solid	7470A	43562
LCS 410-43557/2-A	Lab Control Sample	Total/NA	Solid	7470A	43557
LCS 410-43562/2-A	Lab Control Sample	Total/NA	Solid	7470A	43562

Analysis Batch: 43778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-6	S-16B	Total/NA	Solid	6010D	42800
410-13470-9	S-18A	Total/NA	Solid	6010D	42800
410-13470-10	S-18B	Total/NA	Solid	6010D	42800
410-13470-11	S-19A	Total/NA	Solid	6010D	42800
410-13470-12	S-19B	Total/NA	Solid	6010D	42800
410-13470-13	S-20A	Total/NA	Solid	6010D	42800
410-13470-14	S-20B	Total/NA	Solid	6010D	42800
MB 410-42800/1-A	Method Blank	Total/NA	Solid	6010D	42800
LCS 410-42800/2-A	Lab Control Sample	Total/NA	Solid	6010D	42800

Prep Batch: 44011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	7471B	
410-13470-6	S-16B	Total/NA	Solid	7471B	
410-13470-7	S-17A	Total/NA	Solid	7471B	
410-13470-8	S-17B	Total/NA	Solid	7471B	
410-13470-9	S-18A	Total/NA	Solid	7471B	
410-13470-10	S-18B	Total/NA	Solid	7471B	
410-13470-11	S-19A	Total/NA	Solid	7471B	
410-13470-12	S-19B	Total/NA	Solid	7471B	
410-13470-13	S-20A	Total/NA	Solid	7471B	
410-13470-14	S-20B	Total/NA	Solid	7471B	
MB 410-44011/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-44011/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-13470-6 MS	S-16B	Total/NA	Solid	7471B	
410-13470-6 MSD	S-16B	Total/NA	Solid	7471B	
410-13470-6 DU	S-16B	Total/NA	Solid	7471B	

Analysis Batch: 44579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	TCLP	Solid	6010D	43544
MB 410-43544/1-A	Method Blank	Total/NA	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544

Analysis Batch: 44590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	6010D	43536
410-13470-6	S-16B	TCLP	Solid	6010D	43536

Euofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Metals (Continued)

Analysis Batch: 44590 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-7	S-17A	TCLP	Solid	6010D	43536
410-13470-8	S-17B	TCLP	Solid	6010D	43536
410-13470-9	S-18A	TCLP	Solid	6010D	43536
410-13470-10	S-18B	TCLP	Solid	6010D	43536
410-13470-11	S-19A	TCLP	Solid	6010D	43536
410-13470-12	S-19B	TCLP	Solid	6010D	43536
410-13470-14	S-20B	TCLP	Solid	6010D	43536
MB 410-43536/1-A	Method Blank	Total/NA	Solid	6010D	43536
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	6010D	43536

Analysis Batch: 45000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	TCLP	Solid	6010D	43536
410-13470-6	S-16B	TCLP	Solid	6010D	43536
410-13470-7	S-17A	TCLP	Solid	6010D	43536
410-13470-8	S-17B	TCLP	Solid	6010D	43536
410-13470-9	S-18A	TCLP	Solid	6010D	43536
410-13470-10	S-18B	TCLP	Solid	6010D	43536
410-13470-11	S-19A	TCLP	Solid	6010D	43536
410-13470-12	S-19B	TCLP	Solid	6010D	43536
410-13470-14	S-20B	TCLP	Solid	6010D	43536
LCS 410-43536/2-A	Lab Control Sample	Total/NA	Solid	6010D	43536

Analysis Batch: 45041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	TCLP	Solid	6010D	43544
LCS 410-43544/2-A	Lab Control Sample	Total/NA	Solid	6010D	43544

Analysis Batch: 45150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	7471B	44011
410-13470-6	S-16B	Total/NA	Solid	7471B	44011
410-13470-7	S-17A	Total/NA	Solid	7471B	44011
410-13470-8	S-17B	Total/NA	Solid	7471B	44011
410-13470-9	S-18A	Total/NA	Solid	7471B	44011
410-13470-10	S-18B	Total/NA	Solid	7471B	44011
410-13470-11	S-19A	Total/NA	Solid	7471B	44011
410-13470-12	S-19B	Total/NA	Solid	7471B	44011
410-13470-13	S-20A	Total/NA	Solid	7471B	44011
410-13470-14	S-20B	Total/NA	Solid	7471B	44011
MB 410-44011/1-A	Method Blank	Total/NA	Solid	7471B	44011
LCS 410-44011/2-A	Lab Control Sample	Total/NA	Solid	7471B	44011
410-13470-6 MS	S-16B	Total/NA	Solid	7471B	44011
410-13470-6 MSD	S-16B	Total/NA	Solid	7471B	44011
410-13470-6 DU	S-16B	Total/NA	Solid	7471B	44011

Analysis Batch: 45294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	6010D	43360
410-13470-7	S-17A	Total/NA	Solid	6010D	43360
410-13470-8	S-17B	Total/NA	Solid	6010D	43360

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Metals (Continued)

Analysis Batch: 45294 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-43360/1-A	Method Blank	Total/NA	Solid	6010D	43360
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	6010D	43360

Analysis Batch: 45954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	6010D	43360
410-13470-7	S-17A	Total/NA	Solid	6010D	43360
410-13470-8	S-17B	Total/NA	Solid	6010D	43360
MB 410-43360/1-A	Method Blank	Total/NA	Solid	6010D	43360
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	6010D	43360

General Chemistry

Analysis Batch: 42569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-1	S-7A	Total/NA	Solid	Moisture	
410-13470-2	S-7B	Total/NA	Solid	Moisture	
410-13470-3	S-8A	Total/NA	Solid	Moisture	
410-13470-4	S-8B	Total/NA	Solid	Moisture	
410-13470-5	S-16A	Total/NA	Solid	Moisture	
410-13470-6	S-16B	Total/NA	Solid	Moisture	
410-13470-7	S-17A	Total/NA	Solid	Moisture	
410-13470-8	S-17B	Total/NA	Solid	Moisture	
410-13470-9	S-18A	Total/NA	Solid	Moisture	
410-13470-10	S-18B	Total/NA	Solid	Moisture	
410-13470-11	S-19A	Total/NA	Solid	Moisture	
410-13470-12	S-19B	Total/NA	Solid	Moisture	
410-13470-13	S-20A	Total/NA	Solid	Moisture	
410-13470-14	S-20B	Total/NA	Solid	Moisture	

Leach Batch: 43210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Soluble	Solid	DI Leach	
410-13470-6	S-16B	Soluble	Solid	DI Leach	
410-13470-7	S-17A	Soluble	Solid	DI Leach	
410-13470-8	S-17B	Soluble	Solid	DI Leach	
410-13470-9	S-18A	Soluble	Solid	DI Leach	
410-13470-10	S-18B	Soluble	Solid	DI Leach	
410-13470-11	S-19A	Soluble	Solid	DI Leach	
410-13470-12	S-19B	Soluble	Solid	DI Leach	
410-13470-13	S-20A	Soluble	Solid	DI Leach	
410-13470-14	S-20B	Soluble	Solid	DI Leach	
LCS 410-43210/1-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 43242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Soluble	Solid	9045D	43210
410-13470-6	S-16B	Soluble	Solid	9045D	43210
410-13470-7	S-17A	Soluble	Solid	9045D	43210
410-13470-8	S-17B	Soluble	Solid	9045D	43210
410-13470-9	S-18A	Soluble	Solid	9045D	43210

Euofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

General Chemistry (Continued)

Analysis Batch: 43242 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-10	S-18B	Soluble	Solid	9045D	43210
410-13470-11	S-19A	Soluble	Solid	9045D	43210
410-13470-12	S-19B	Soluble	Solid	9045D	43210
410-13470-13	S-20A	Soluble	Solid	9045D	43210
410-13470-14	S-20B	Soluble	Solid	9045D	43210
LCS 410-43210/1-A	Lab Control Sample	Soluble	Solid	9045D	43210

Prep Batch: 44856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	7.3.4	
410-13470-6	S-16B	Total/NA	Solid	7.3.4	
410-13470-7	S-17A	Total/NA	Solid	7.3.4	
410-13470-8	S-17B	Total/NA	Solid	7.3.4	
410-13470-9	S-18A	Total/NA	Solid	7.3.4	
410-13470-10	S-18B	Total/NA	Solid	7.3.4	
410-13470-11	S-19A	Total/NA	Solid	7.3.4	
410-13470-12	S-19B	Total/NA	Solid	7.3.4	
MB 410-44856/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
410-13470-12 MS	S-19B	Total/NA	Solid	7.3.4	
410-13470-12 MS	S-19B	Total/NA	Solid	7.3.4	
410-13470-12 MSD	S-19B	Total/NA	Solid	7.3.4	
410-13470-12 MSD	S-19B	Total/NA	Solid	7.3.4	

Analysis Batch: 44927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	1010A	
410-13470-6	S-16B	Total/NA	Solid	1010A	
410-13470-7	S-17A	Total/NA	Solid	1010A	
410-13470-8	S-17B	Total/NA	Solid	1010A	
410-13470-9	S-18A	Total/NA	Solid	1010A	
410-13470-10	S-18B	Total/NA	Solid	1010A	
410-13470-11	S-19A	Total/NA	Solid	1010A	
410-13470-12	S-19B	Total/NA	Solid	1010A	
410-13470-13	S-20A	Total/NA	Solid	1010A	
410-13470-14	S-20B	Total/NA	Solid	1010A	
LCS 410-44927/1	Lab Control Sample	Total/NA	Solid	1010A	
LCSD 410-44927/2	Lab Control Sample Dup	Total/NA	Solid	1010A	

Analysis Batch: 44964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	9034	44856
410-13470-6	S-16B	Total/NA	Solid	9034	44856
410-13470-7	S-17A	Total/NA	Solid	9034	44856
410-13470-8	S-17B	Total/NA	Solid	9034	44856
410-13470-9	S-18A	Total/NA	Solid	9034	44856
410-13470-10	S-18B	Total/NA	Solid	9034	44856
410-13470-11	S-19A	Total/NA	Solid	9034	44856
410-13470-12	S-19B	Total/NA	Solid	9034	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9034	44856

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

General Chemistry (Continued)

Analysis Batch: 44964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-44856/25-A	Lab Control Sample	Total/NA	Solid	9034	44856
410-13470-12 MS	S-19B	Total/NA	Solid	9034	44856
410-13470-12 MSD	S-19B	Total/NA	Solid	9034	44856

Analysis Batch: 45193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-5	S-16A	Total/NA	Solid	9012	44856
410-13470-6	S-16B	Total/NA	Solid	9012	44856
410-13470-7	S-17A	Total/NA	Solid	9012	44856
410-13470-8	S-17B	Total/NA	Solid	9012	44856
410-13470-9	S-18A	Total/NA	Solid	9012	44856
410-13470-10	S-18B	Total/NA	Solid	9012	44856
410-13470-11	S-19A	Total/NA	Solid	9012	44856
410-13470-12	S-19B	Total/NA	Solid	9012	44856
MB 410-44856/1-A	Method Blank	Total/NA	Solid	9012	44856
LCS 410-44856/2-A	Lab Control Sample	Total/NA	Solid	9012	44856
410-13470-12 MS	S-19B	Total/NA	Solid	9012	44856
410-13470-12 MSD	S-19B	Total/NA	Solid	9012	44856

Prep Batch: 46352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	Total/NA	Solid	7.3.4	
410-13470-14	S-20B	Total/NA	Solid	7.3.4	
MB 410-46352/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-46352/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Analysis Batch: 46462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	Total/NA	Solid	9034	46352
410-13470-14	S-20B	Total/NA	Solid	9034	46352
MB 410-46352/1-A	Method Blank	Total/NA	Solid	9034	46352
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	9034	46352

Analysis Batch: 46657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13470-13	S-20A	Total/NA	Solid	9012	46352
410-13470-14	S-20B	Total/NA	Solid	9012	46352
MB 410-46352/1-A	Method Blank	Total/NA	Solid	9012	46352
LCS 410-46352/2-A	Lab Control Sample	Total/NA	Solid	9012	46352

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-7A

Date Collected: 09/08/20 08:15

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Client Sample ID: S-7A

Date Collected: 09/08/20 08:15

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-1

Matrix: Solid

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/15/20 23:40	ULM3	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	46500	09/22/20 17:41	YHQ2	ELLE
Total/NA	Prep	T-WI12031 r9			42689	09/10/20 18:24	QLP7	ELLE
Total/NA	Cleanup	Extract Aliquot			42690	09/10/20 18:32	QLP7	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43029	09/11/20 17:41	UUV6	ELLE

Client Sample ID: S-7B

Date Collected: 09/08/20 08:20

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Client Sample ID: S-7B

Date Collected: 09/08/20 08:20

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-2

Matrix: Solid

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/16/20 00:02	ULM3	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		5	44923	09/17/20 22:52	KP5X	ELLE
Total/NA	Prep	T-WI12031 r9			43327	09/13/20 17:02	NP8L	ELLE
Total/NA	Cleanup	Extract Aliquot			43328	09/13/20 17:06	NP8L	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43471	09/14/20 14:09	QD9Y	ELLE

Client Sample ID: S-8A

Date Collected: 09/08/20 08:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-8A

Lab Sample ID: 410-13470-3

Date Collected: 09/08/20 08:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/16/20 00:25	ULM3	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	44923	09/17/20 21:38	KP5X	ELLE

Client Sample ID: S-8B

Lab Sample ID: 410-13470-4

Date Collected: 09/08/20 08:45

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Client Sample ID: S-8B

Lab Sample ID: 410-13470-4

Date Collected: 09/08/20 08:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/16/20 00:48	ULM3	ELLE
Total/NA	Prep	3546			44577	09/16/20 15:58	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	44923	09/17/20 22:03	KP5X	ELLE

Client Sample ID: S-16A

Lab Sample ID: 410-13470-5

Date Collected: 09/08/20 09:10

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 14:35	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 12:41	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:08	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 09:27	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:54	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16A

Lab Sample ID: 410-13470-5

Date Collected: 09/08/20 09:10

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 12:08	R64Z	ELLE
Total/NA	Prep	5035	RA		42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43684	09/15/20 03:13	Z6JB	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		10	43973	09/16/20 01:11	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44146	09/16/20 01:23	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		25	44433	09/16/20 20:29	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 19:48	JC94	ELLE
Total/NA	Prep	T-WI12031 r9			42689	09/10/20 18:24	QLP7	ELLE
Total/NA	Cleanup	Extract Aliquot			42690	09/10/20 18:32	QLP7	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43029	09/11/20 17:51	UUV6	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 17:18	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 06:06	ULJC	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:24	UEFS	ELLE

Client Sample ID: S-16B

Lab Sample ID: 410-13470-6

Date Collected: 09/08/20 09:15

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:23	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:36	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:37	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 09:27	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:55	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-16B

Lab Sample ID: 410-13470-6

Date Collected: 09/08/20 09:15

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 12:31	R64Z	ELLE
Total/NA	Prep	5035	RA		42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43684	09/15/20 03:35	Z6JB	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		10	43973	09/16/20 01:34	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44578	09/16/20 21:07	JJT8	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		50	44433	09/16/20 22:08	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 19:59	JC94	ELLE
Total/NA	Prep	T-WI12031 r9			42689	09/10/20 18:24	QLP7	ELLE
Total/NA	Cleanup	Extract Aliquot			42690	09/10/20 18:32	QLP7	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43471	09/14/20 12:21	QD9Y	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 16:28	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:50	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 18:43	UEFS	ELLE

Client Sample ID: S-17A

Lab Sample ID: 410-13470-7

Date Collected: 09/08/20 09:40

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:26	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:39	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:39	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 09:27	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:56	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17A

Date Collected: 09/08/20 09:40

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-7

Matrix: Solid

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 12:53	R64Z	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		1	43973	09/16/20 01:57	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		25	44146	09/16/20 01:59	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 17:11	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 20:11	JC94	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 17:02	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 05:49	ULJC	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:01	UEFS	ELLE

Client Sample ID: S-17B

Date Collected: 09/08/20 09:45

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:30	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:43	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:41	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 09:27	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:58	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-17B

Lab Sample ID: 410-13470-8

Date Collected: 09/08/20 09:45

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 13:16	R64Z	ELLE
Total/NA	Prep	5035	RA		42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43684	09/15/20 03:58	Z6JB	ELLE
Total/NA	Prep	3546			43825	09/15/20 09:45	A2VL	ELLE
Total/NA	Analysis	8270D		10	43973	09/16/20 02:20	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44578	09/16/20 21:42	JJT8	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 17:31	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 20:23	JC94	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 17:21	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 06:10	ULJC	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:03	UEFS	ELLE

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Date Collected: 09/08/20 11:35

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:34	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:47	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:43	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 11:00	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 22:59	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18A

Lab Sample ID: 410-13470-9

Date Collected: 09/08/20 11:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 13:39	R64Z	ELLE
Total/NA	Prep	5035	RA		42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43684	09/15/20 04:20	Z6JB	ELLE
Total/NA	Prep	3546			43829	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 13:31	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44146	09/16/20 02:35	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 18:30	IUSB	ELLE
Total/NA	Prep	3546			43625	09/14/20 17:30	QQ3P	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 20:35	JC94	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 16:08	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:27	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:11	UEFS	ELLE

Client Sample ID: S-18B

Lab Sample ID: 410-13470-10

Date Collected: 09/08/20 11:40

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:37	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:50	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:45	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 11:00	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 23:03	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-18B

Lab Sample ID: 410-13470-10

Date Collected: 09/08/20 11:40

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 14:01	R64Z	ELLE
Total/NA	Prep	3546			43829	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 13:54	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		25	44146	09/16/20 03:11	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 18:50	IUSB	ELLE
Total/NA	Prep	3546			44304	09/16/20 09:15	A2VL	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 15:17	JC94	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		5	43669	09/14/20 16:45	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		5	43778	09/15/20 01:03	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:13	UEFS	ELLE

Client Sample ID: S-19A

Lab Sample ID: 410-13470-11

Date Collected: 09/08/20 11:00

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:41	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:54	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:47	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 11:21	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 23:04	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19A

Lab Sample ID: 410-13470-11

Date Collected: 09/08/20 11:00

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 14:24	R64Z	ELLE
Total/NA	Prep	3546			43829	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 14:18	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44146	09/16/20 04:23	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		25	44433	09/16/20 21:28	IUSB	ELLE
Total/NA	Prep	3546			44304	09/16/20 09:15	A2VL	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 15:29	JC94	ELLE
Total/NA	Prep	T-WI12031 r9			42689	09/10/20 18:24	QLP7	ELLE
Total/NA	Cleanup	Extract Aliquot			42690	09/10/20 18:32	QLP7	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43029	09/11/20 18:21	UUV6	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 16:22	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		5	43669	09/14/20 16:48	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:42	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:16	UEFS	ELLE

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Date Collected: 09/08/20 11:05

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 15:44	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 13:57	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:49	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 12:34	USAE	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9012		1	45193	09/17/20 23:06	QU5I	ELLE
Total/NA	Prep	7.3.4			44856	09/17/20 08:30	USE1	ELLE
Total/NA	Analysis	9034		1	44964	09/17/20 12:22	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-19B

Lab Sample ID: 410-13470-12

Date Collected: 09/08/20 11:05

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 14:46	R64Z	ELLE
Total/NA	Prep	3546			43829	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 14:41	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44578	09/16/20 22:18	JJT8	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		25	44433	09/16/20 21:48	IUSB	ELLE
Total/NA	Prep	3546			47674	09/25/20 09:25	A2VL	ELLE
Total/NA	Analysis	8082A		1	48088	09/26/20 15:30	WN7O	ELLE
Total/NA	Prep	T-WI12031 r9			42689	09/10/20 18:24	QLP7	ELLE
Total/NA	Cleanup	Extract Aliquot			42690	09/10/20 18:32	QLP7	ELLE
Total/NA	Analysis	T-WI12031 r9		1	43029	09/11/20 18:30	UUV6	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 16:25	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		5	43669	09/14/20 16:52	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:46	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:18	UEFS	ELLE

Client Sample ID: S-20A

Lab Sample ID: 410-13470-13

Date Collected: 09/08/20 10:25

Matrix: Solid

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43544	09/14/20 11:27	UAMX	ELLE
TCLP	Analysis	6010D		1	44579	09/16/20 14:44	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43544	09/14/20 11:27	UAMX	ELLE
TCLP	Analysis	6010D		1	45041	09/17/20 15:47	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43562	09/14/20 12:09	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 22:08	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 12:34	USAE	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9012		1	46657	09/22/20 19:14	QU5I	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20A

Date Collected: 09/08/20 10:25

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-13

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 15:09	R64Z	ELLE
Total/NA	Prep	5035	RA		42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C	RA	1	43684	09/15/20 04:43	Z6JB	ELLE
Total/NA	Prep	3546			43829	09/15/20 16:09	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 15:28	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		250	44578	09/16/20 22:54	JJT8	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 19:10	IUSB	ELLE
Total/NA	Prep	3546			44304	09/16/20 09:15	A2VL	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 15:52	JC94	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 15:55	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:13	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:20	UEFS	ELLE

Client Sample ID: S-20B

Date Collected: 09/08/20 10:35

Date Received: 09/09/20 17:54

Lab Sample ID: 410-13470-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	44590	09/16/20 14:38	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	3010A			43536	09/14/20 11:10	UAMX	ELLE
TCLP	Analysis	6010D		1	45000	09/17/20 12:44	UPJE	ELLE
TCLP	Leach	1311			42946	09/11/20 09:48	UNWS	ELLE
TCLP	Prep	7470A			43557	09/14/20 11:51	UAMX	ELLE
TCLP	Analysis	7470A		1	43758	09/14/20 20:10	UEFS	ELLE
Total/NA	Analysis	1010A		1	44927	09/17/20 12:37	USAE	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9012		1	46657	09/22/20 19:16	QU5I	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			43210	09/12/20 11:38	UYB0	ELLE
Soluble	Analysis	9045D		1	43242	09/12/20 14:23	UYB0	ELLE
Total/NA	Analysis	Moisture		1	42569	09/10/20 11:59	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Client Sample ID: S-20B

Lab Sample ID: 410-13470-14

Date Collected: 09/08/20 10:35

Matrix: Solid

Date Received: 09/09/20 17:54

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			42683	09/10/20 18:04	UK3O	ELLE
Total/NA	Analysis	8260C		1	43445	09/14/20 15:32	R64Z	ELLE
Total/NA	Prep	3546			43829	09/15/20 16:09	DN9W	ELLE
Total/NA	Analysis	8270D		1	44309	09/16/20 15:05	ULM3	ELLE
Total/NA	Prep	5035			42685	09/10/20 18:06	UK3O	ELLE
Total/NA	Analysis	8015D		25	44146	09/16/20 03:47	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 19:29	IUSB	ELLE
Total/NA	Prep	3546			44304	09/16/20 09:15	A2VL	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 16:04	JC94	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43669	09/14/20 15:59	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		5	43669	09/14/20 16:42	UCIG	ELLE
Total/NA	Prep	3050B			42800	09/11/20 04:46	UAMX	ELLE
Total/NA	Analysis	6010D		1	43778	09/15/20 00:17	UCIG	ELLE
Total/NA	Prep	7471B			44011	09/15/20 12:03	UAMX	ELLE
Total/NA	Analysis	7471B		1	45150	09/17/20 19:22	UEFS	ELLE

Client Sample ID: FB-4

Lab Sample ID: 410-13470-15

Date Collected: 09/08/20 12:00

Matrix: Water

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			42674	09/10/20 17:54	NP8L	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	43031	09/11/20 20:48	MT26	ELLE

Client Sample ID: RB-4

Lab Sample ID: 410-13470-16

Date Collected: 09/08/20 12:00

Matrix: Water

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	537 IDA			42674	09/10/20 17:54	NP8L	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	43031	09/11/20 20:58	MT26	ELLE

Client Sample ID: TB-4

Lab Sample ID: 410-13470-17

Date Collected: 09/08/20 00:00

Matrix: Water

Date Received: 09/09/20 17:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	45156	09/18/20 01:01	TQ4J	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	09-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9012	7.3.4	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorobutanesulfonic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorodecanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorododecanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluoroheptanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorohexanesulfonic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorohexanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorononanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorooctanesulfonic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorooctanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorotetradecanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluorotridecanoic acid
T-WI12031 r9	T-WI12031 r9	Solid	Perfluoroundecanoic acid

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8015D	Gasoline Range Organics (GRO) (GC)	SW846	ELLE
8015D	Diesel Range Organics (DRO) (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
NJ EPH	NJ EPH Extractable Petroleum Hydrocarbons	NJDEP	ELLE
T-WI12031 r9	SOP T-PFAS-WI12031 Rev.9	ELLE - Lancaster	ELLE
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE
6010D	Metals (ICP)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	ELLE
9012	Cyanide, Reactive	SW846	ELLE
9034	Sulfide, Reactive	SW846	ELLE
9045D	pH	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1311	TCLP Extraction	SW846	ELLE
3010A	Preparation, Total Metals	SW846	ELLE
3050B	Preparation, Metals	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7.3.3	Cyanide, Reactive	SW846	ELLE
7.3.4	Sulfide, Reactive	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE
DI Leach	Deionized Water Leaching Procedure	ASTM	ELLE
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE
T-WI12031 r9	T-PFAS-WI12031 Revision 9	ELLE - Lancaster	ELLE

Protocol References:

ASTM = ASTM International

ELLE - Lancaster = Eurofins Lancaster, Facility Standard Operating Procedure.

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13470-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13470-1	S-7A	Solid	09/08/20 08:15	09/09/20 17:54	
410-13470-2	S-7B	Solid	09/08/20 08:20	09/09/20 17:54	
410-13470-3	S-8A	Solid	09/08/20 08:40	09/09/20 17:54	
410-13470-4	S-8B	Solid	09/08/20 08:45	09/09/20 17:54	
410-13470-5	S-16A	Solid	09/08/20 09:10	09/09/20 17:54	
410-13470-6	S-16B	Solid	09/08/20 09:15	09/09/20 17:54	
410-13470-7	S-17A	Solid	09/08/20 09:40	09/09/20 17:54	
410-13470-8	S-17B	Solid	09/08/20 09:45	09/09/20 17:54	
410-13470-9	S-18A	Solid	09/08/20 11:35	09/09/20 17:54	
410-13470-10	S-18B	Solid	09/08/20 11:40	09/09/20 17:54	
410-13470-11	S-19A	Solid	09/08/20 11:00	09/09/20 17:54	
410-13470-12	S-19B	Solid	09/08/20 11:05	09/09/20 17:54	
410-13470-13	S-20A	Solid	09/08/20 10:25	09/09/20 17:54	
410-13470-14	S-20B	Solid	09/08/20 10:35	09/09/20 17:54	
410-13470-15	FB-4	Water	09/08/20 12:00	09/09/20 17:54	
410-13470-16	RB-4	Water	09/08/20 12:00	09/09/20 17:54	
410-13470-17	TB-4	Water	09/08/20 00:00	09/09/20 17:54	

eurofins

Ver. 01-16-2019

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-13470-1

Login Number: 13470

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Reiff, Nicole L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	No sample date and/or time on COC, logged in per container labels.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

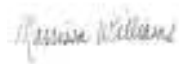
Laboratory Job ID: 410-13618-1

Client Project/Site: TTN Site NJ

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/20/2020 11:18:21 AM

Marrissa Williams, Project Manager
(717)556-7246
marrissawilliams@eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- * QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

- * Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

- * Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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A handwritten signature in blue ink, appearing to read "Marrison Williams".

Marrison Williams
Project Manager
10/20/2020 11:18:21 AM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate recovery exceeds control limits

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)

Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Job ID: 410-13618-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-13618-1

Receipt

The samples were received on 9/10/2020 7:27 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6°C, 2.7°C and 4.2°C

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): ARFF-3A (410-13618-5). The container labels list a collection time of 12:05, while the COC lists 12:00. Entered per COC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): ARFF-3B (410-13618-6). The container labels list a collection time of 12:00, while the COC lists 12:05. Entered per COC.

GC/MS VOA

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-43865 recovered above the upper control limit for Chloroethane, Acetone and Trichlorofluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C_DKQP: The NJ DKQP analyte list requirement was not met for Method 8260C/D on batch 410-43865. The client requested analyte list was reported for this job.

Method 8260C_DKQP: Internal standard (ISTD) response for the following sample was outside control limits: ARFF-3B (410-13618-6). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits. Reported results are from both analyses.

Method 8260C_DKQP: The continuing calibration verification (CCV) associated with batch 410-44364 recovered above the upper control limit for Acetone, Chloroethane and Trichlorofluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C_DKQP: The NJ DKQP analyte list requirement was not met for Method 8260C/D on analytical batch 410-44364. The client requested analyte list was reported for this job.

Method 8260C_DKQP: The NJ DKQP required reporting limit could not be attained for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane on analytical batch 410-44364.

Method 8260C_DKQP: The response factor for 2-Butanone (MEK) in the continuing calibration verification (CCV) on analytical batch 410-44364 is 0.092, which rounds to 0.1, and is in within specification for the method requirements.

Method 8260C_DKQP: The NJ DKQP required reporting limit could not be attained for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane on analytical batch 410-43865.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270D_DKQP: The NJ DKQP analyte list requirement was not met for Method 8270D. The client requested analyte list was reported for this job.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics

Method 8015D_GRO: The method blank for preparation batch 410-43282 and analytical batch 410-44176 contained GRO above the

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Job ID: 410-13618-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

method detection limit (MDL). Associated sample(s) were not re-analyzed because results were greater than 10X the value found in the method blank.

Method 8015D_GRO: The following sample was diluted due foaming: ARFF-3A (410-13618-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method NJEPH: o- terphenyl surrogate recovery for the following sample was outside control limits: ARFF-1A (410-13618-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method NJEPH: The continuing calibration verification (CCV) associated with batch 45112 recovered above the upper control limit for C16-C21 Aromatics. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: ARFF-2A (410-13618-3), ARFF-2B (410-13618-4), ARFF-3A (410-13618-5), ARFF-3B (410-13618-6), ARFF-4A (410-13618-7), ARFF-4B (410-13618-8), ARFF-5A (410-13618-9), ARFF-5B (410-13618-10), ARFF-6A (410-13618-11) and ARFF-6B (410-13618-12).

Method NJEPH: Surrogate recovery for the following sample was outside control limits: ARFF-1B (410-13618-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method NJEPH: The aliphatic breakthrough for Naphthalene in the LCS/LCSD was <1%. The aliphatic breakthrough for 2-Methylnaphthalene in the LCS was 1% and <1% in the LCSD. Method criteria for breakthrough is <5%.

Method NJEPH: o- terphenyl surrogate recovery for the following sample was below the lower control limit: ARFF-5A (410-13618-9). This sample did not contain any target analytes. Since re-extraction would be performed outside method hold time, the data is reported.

Method NJEPH: 1-Chlorooctadecane surrogate recovery for the following samples was below the lower control limit: ARFF-5A (410-13618-9) and ARFF-6B (410-13618-12). Since re-extraction would be performed outside of the method hold time, the data is reported.

Method NJEPH_Screen: The continuing calibration verification (CCV) associated with batch 410-44923 recovered above the upper control limit for Total EPH (C9-C40). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. ARFF-5B (410-13618-10) and ARFF-6A (410-13618-11)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

Method 8082A_DKQP: The continuing calibration verification (CCV) associated with batch 45380 recovered above the upper control limit for DCB Decachlorobiphenyl (Surr). The samples associated with this CCV recovered within control limits for the affected surrogate; therefore, the data have been reported. The associated samples are impacted: ARFF-1A (410-13618-1), ARFF-1B (410-13618-2), ARFF-2A (410-13618-3), ARFF-2B (410-13618-4) and ARFF-3A (410-13618-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D_DKQP: The NJ DKQP analyte list requirement was not met for Method 6010D. The client requested analyte list was reported for this job.

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Job ID: 410-13618-1 (Continued)

Laboratory: Eurofins Lancaster Laboratories Env, LLC (Conti

Method 6010D_DKQP: The NJ DKQP required reporting limit could not be attained for Arsenic, Cadmium, Lead, and Selenium using the laboratory LOQ. ARFF-1A (410-13618-1), ARFF-1B (410-13618-2), ARFF-2A (410-13618-3), ARFF-2B (410-13618-4), ARFF-3A (410-13618-5), ARFF-3B (410-13618-6), ARFF-4A (410-13618-7), ARFF-4B (410-13618-8), ARFF-5A (410-13618-9), ARFF-5B (410-13618-10), ARFF-6A (410-13618-11) and ARFF-6B (410-13618-12)

Method 6010D_DKQP: The NJ DKQP analyte list requirement was not met for Method 6010D. The client requested analyte list was reported for this job.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	230		17	5.2	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	12		8.6	1.7	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.0	J	4.3	0.86	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	2000	F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Acenaphthylene	4300	F2 F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Anthracene	7100	F2 F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]anthracene	16000	F2	200	81	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]pyrene	13000	F2	200	40	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	16000	F2	200	40	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	8100	F2 F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	7700	F2 F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Chrysene	15000	F2	200	40	ug/Kg	10	✱	8270D	Total/NA
Dibenz(a,h)anthracene	2500	F2 F1	200	81	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	39000	F2	200	40	ug/Kg	10	✱	8270D	Total/NA
Fluorene	4100	F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	7800	F2 F1	200	40	ug/Kg	10	✱	8270D	Total/NA
Naphthalene	1900	F1	200	81	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	31000		200	40	ug/Kg	10	✱	8270D	Total/NA
Pyrene	31000	F2	200	40	ug/Kg	10	✱	8270D	Total/NA
GRO (1C)	5.4	B	1.6	0.28	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	660		290	120	mg/Kg	20	✱	8015D	Total/NA
PCB-1260 (1C)	8.2	J	21	6.0	ug/Kg	1	✱	8082A	Total/NA
Total EPH (C9-C40)	810		120	120	mg/Kg	10	✱	NJ EPH	Total/NA
C12-C16 Aromatics (1C)	9.2	J	12	3.6	mg/Kg	1	✱	NJDEP EPH	Total/NA
C16-C21 Aromatics (1C)	110		12	3.6	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C36 Aromatic (1C)	100		12	3.6	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	8.6	J	12	3.6	mg/Kg	1	✱	NJDEP EPH	Total/NA
Barium	59		0.47	0.14	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.1		2.8	1.1	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.44	J	0.47	0.095	mg/Kg	1	✱	6010D	Total/NA
Chromium	25		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Lead	19		1.4	0.57	mg/Kg	1	✱	6010D	Total/NA
Silver	0.52	J	0.95	0.38	mg/Kg	1	✱	6010D	Total/NA
Barium	0.21		0.0050	0.0010	mg/L	1		6010D	TCLP
Flashpoint	>173		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.1		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylcyclohexane	4.2	J	5.2	0.62	ug/Kg	1	✱	8260C	Total/NA
Cyclohexane	1.2	J	5.2	0.52	ug/Kg	1	✱	8260C	Total/NA
Acetone	340		21	6.2	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	0.63	J	5.2	0.62	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	19		10	2.1	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	12		5.2	1.0	ug/Kg	1	✱	8260C	Total/NA
o-Xylene	0.93	J	5.2	0.42	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	990		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	1600		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Anthracene	2800		20	4.0	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B (Continued)

Lab Sample ID: 410-13618-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	4500		20	7.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	4200		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	2900		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	1800		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Chrysene	4500		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	840		20	7.9	ug/Kg	1	✱	8270D	Total/NA
Fluorene	1400		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2500		20	4.0	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	760		20	7.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene - DL	4800		200	40	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene - DL	9600		200	40	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene - DL	8900		200	40	ug/Kg	10	✱	8270D	Total/NA
Pyrene - DL	8600		200	40	ug/Kg	10	✱	8270D	Total/NA
GRO (1C)	0.73	J B	0.91	0.16	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	520		290	120	mg/Kg	20	✱	8015D	Total/NA
PCB-1260 (1C)	22		20	5.8	ug/Kg	1	✱	8082A	Total/NA
Total EPH (C9-C40)	830		120	120	mg/Kg	10	✱	NJ EPH	Total/NA
C12-C16 Aromatics (1C)	9.8	J	12	3.5	mg/Kg	1	✱	NJDEP EPH	Total/NA
C16-C21 Aromatics (1C)	120		12	3.5	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C36 Aromatic (1C)	170		12	3.5	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	8.7	J	12	3.5	mg/Kg	1	✱	NJDEP EPH	Total/NA
Barium	74		0.54	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.9		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.50	J	0.54	0.11	mg/Kg	1	✱	6010D	Total/NA
Chromium	24		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	25		1.6	0.65	mg/Kg	1	✱	6010D	Total/NA
Silver	0.53	J	1.1	0.43	mg/Kg	1	✱	6010D	Total/NA
Barium	0.26		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0017	J	0.015	0.0016	mg/L	1		6010D	TCLP
Mercury	0.035	J	0.071	0.030	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>180		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.9		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	220		20	6.1	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	15		10	2.0	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	9.9		5.1	1.0	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	8.5	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	47		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Anthracene	15	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	19		19	7.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	18	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	30		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	13	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	5.4	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	21		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	45		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluorene	8.3	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A (Continued)

Lab Sample ID: 410-13618-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	11	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	34		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	41		19	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.24	J B	1.2	0.22	mg/Kg	25	✱	8015D	Total/NA
Total EPH (C9-C40)	15		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	280		0.41	0.12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	7.0		2.4	0.97	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.51		0.41	0.081	mg/Kg	1	✱	6010D	Total/NA
Chromium	47		1.2	0.15	mg/Kg	1	✱	6010D	Total/NA
Lead	21		1.2	0.49	mg/Kg	1	✱	6010D	Total/NA
Silver	0.89		0.81	0.32	mg/Kg	1	✱	6010D	Total/NA
Barium	0.75		0.0050	0.0010	mg/L	1		6010D	TCLP
Mercury	0.030	J	0.068	0.028	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>178		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	5.8		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	250		20	6.1	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	14		10	2.0	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	4.6	J	5.1	1.0	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	5.9	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	29		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Anthracene	17	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	29		21	8.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	31		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	47		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	20	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	12	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Chrysene	30		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	9.8	J	21	8.6	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	66		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Fluorene	7.7	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	19	J	21	4.3	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	45		21	4.3	ug/Kg	1	✱	8270D	Total/NA
Pyrene	59		21	4.3	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.55	J B	1.3	0.23	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	6.9	J	15	6.4	mg/Kg	1	✱	8015D	Total/NA
Total EPH (C9-C40)	19		13	13	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	240		0.43	0.13	mg/Kg	1	✱	6010D	Total/NA
Arsenic	28		2.6	1.0	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.32	J	0.43	0.087	mg/Kg	1	✱	6010D	Total/NA
Chromium	56		1.3	0.16	mg/Kg	1	✱	6010D	Total/NA
Lead	27		1.3	0.52	mg/Kg	1	✱	6010D	Total/NA
Silver	1.3		0.87	0.35	mg/Kg	1	✱	6010D	Total/NA
Barium	0.0069		0.0050	0.0010	mg/L	1		6010D	TCLP
Flashpoint	>181		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.4		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	380		25	7.5	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	28		13	2.5	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	220		6.3	1.3	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	21		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	59		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Anthracene	63		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	140		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	140		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	180		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	100		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	80		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Chrysene	170		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	24		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	310		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Fluorene	24		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	90		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	23		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	240		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Pyrene	290		19	3.8	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	3.7	J B	12	2.2	mg/Kg	250	✱	8015D	Total/NA
DRO (C10-C28)	17		14	5.7	mg/Kg	1	✱	8015D	Total/NA
Total EPH (C9-C40)	38		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	98		0.48	0.14	mg/Kg	1	✱	6010D	Total/NA
Arsenic	10		2.9	1.2	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.52		0.48	0.097	mg/Kg	1	✱	6010D	Total/NA
Chromium	25		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Lead	38		1.4	0.58	mg/Kg	1	✱	6010D	Total/NA
Silver	0.57	J	0.97	0.39	mg/Kg	1	✱	6010D	Total/NA
Barium	0.37		0.0050	0.0010	mg/L	1	✱	6010D	TCLP
Lead	0.089		0.015	0.0071	mg/L	1	✱	6010D	TCLP
Mercury	0.095		0.066	0.028	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>183		50.0	50.0	Degrees F	1	✱	1010A	Total/NA
pH	6.3		0.01	0.01	S.U.	1	✱	9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1	✱	9045D	Soluble

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.2	J	6.4	0.77	ug/Kg	1	✱	8260C	Total/NA
Acetone	270		26	7.7	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.5	J	6.4	0.77	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	20		13	2.6	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	6.0	J	6.4	1.3	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	14	J	23	4.6	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	68		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Anthracene	38		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	86		23	9.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	110		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	160		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	86		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	51		23	4.6	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B (Continued)

Lab Sample ID: 410-13618-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	120		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	19	J	23	9.2	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	230		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Fluorene	20	J	23	4.6	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	77		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	36		23	9.2	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	160		23	4.6	ug/Kg	1	✱	8270D	Total/NA
Pyrene	200		23	4.6	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.86	J B	1.6	0.28	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	35		17	6.9	mg/Kg	1	✱	8015D	Total/NA
Total EPH (C9-C40)	120		13	13	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C36 Aromatic (1C)	5.7	J	13	4.0	mg/Kg	1	✱	NJDEP EPH	Total/NA
C21-C40 Aliphatics (1C)	5.8	J	13	4.0	mg/Kg	1	✱	NJDEP EPH	Total/NA
Barium	110		0.49	0.15	mg/Kg	1	✱	6010D	Total/NA
Arsenic	9.7		2.9	1.2	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.57		0.49	0.097	mg/Kg	1	✱	6010D	Total/NA
Chromium	31		1.5	0.17	mg/Kg	1	✱	6010D	Total/NA
Lead	33		1.5	0.58	mg/Kg	1	✱	6010D	Total/NA
Silver	0.53	J	0.97	0.39	mg/Kg	1	✱	6010D	Total/NA
Barium	0.37		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0016	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0022	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.067		0.015	0.0071	mg/L	1		6010D	TCLP
Mercury	0.072	J	0.079	0.033	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>185		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.2		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180		21	6.3	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	17		11	2.1	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	2.7	J	5.3	1.1	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	20		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Anthracene	9.6	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	23		19	7.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	32		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	44		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	19		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	13	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	33		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	47		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	15	J	19	3.9	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	33		19	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	53		19	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.23	J B	1.1	0.20	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	11	J	14	5.8	mg/Kg	1	✱	8015D	Total/NA
PCB-1260 (1C)	16	J	20	5.7	ug/Kg	1	✱	8082A	Total/NA
Total EPH (C9-C40)	51		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
C21-C40 Aliphatics (1C)	3.7	J	11	3.4	mg/Kg	1	✱	NJDEP EPH	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4A (Continued)

Lab Sample ID: 410-13618-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	190		0.47	0.14	mg/Kg	1	✱	6010D	Total/NA
Arsenic	11		2.8	1.1	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.67		0.47	0.093	mg/Kg	1	✱	6010D	Total/NA
Chromium	29		1.4	0.17	mg/Kg	1	✱	6010D	Total/NA
Lead	18		1.4	0.56	mg/Kg	1	✱	6010D	Total/NA
Silver	0.63	J	0.93	0.37	mg/Kg	1	✱	6010D	Total/NA
Barium	0.021		0.0050	0.0010	mg/L	1		6010D	TCLP
Mercury	0.052	J	0.068	0.028	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>182		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	5.9		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	130		20	6.0	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	12		9.9	2.0	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	2.8	J	5.0	0.99	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	6.2	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	8.4	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Chrysene	6.2	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	9.3	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	5.0	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
Pyrene	8.9	J	20	3.9	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.29	J B	1.2	0.21	mg/Kg	25	✱	8015D	Total/NA
Total EPH (C9-C40)	12		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	71		0.53	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.6		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Chromium	31		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	14		1.6	0.63	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.2	J	5.3	1.6	mg/Kg	1	✱	6010D	Total/NA
Barium	0.56		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0014	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Lead	0.017		0.015	0.0071	mg/L	1		6010D	TCLP
Mercury	0.063	J	0.069	0.029	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>184		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	5.8		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	350		20	6.0	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	19		10	2.0	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	11		5.0	1.0	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	16	J	19	3.8	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	53		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Anthracene	48		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	97		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	130		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	180		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	100		19	3.8	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A (Continued)

Lab Sample ID: 410-13618-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	54		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Chrysene	140		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	26		19	7.5	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	230		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Fluorene	24		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	87		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	18	J	19	7.5	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	160		19	3.8	ug/Kg	1	✱	8270D	Total/NA
Pyrene	210		19	3.8	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.33	J B	1.0	0.18	mg/Kg	25	✱	8015D	Total/NA
DRO (C10-C28)	29		14	5.7	mg/Kg	1	✱	8015D	Total/NA
Total EPH (C9-C40)	31		11	11	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	100		0.40	0.12	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.5		2.4	0.97	mg/Kg	1	✱	6010D	Total/NA
Chromium	24		1.2	0.15	mg/Kg	1	✱	6010D	Total/NA
Lead	24		1.2	0.49	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.1	J	4.0	1.2	mg/Kg	1	✱	6010D	Total/NA
Barium	0.38		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0017	J	0.015	0.0016	mg/L	1		6010D	TCLP
Mercury	0.12		0.066	0.028	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>176		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	5.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110		19	5.8	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	1.3	J	4.8	0.58	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	9.6	J	9.7	1.9	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	1.5	J	4.8	0.97	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	8.0	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	5.9	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Chrysene	5.0	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	4.7	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Pyrene	4.5	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.55	J B	1.3	0.23	mg/Kg	25	✱	8015D	Total/NA
Barium	82		0.53	0.16	mg/Kg	1	✱	6010D	Total/NA
Arsenic	21		3.2	1.3	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.54		0.53	0.11	mg/Kg	1	✱	6010D	Total/NA
Chromium	48		1.6	0.19	mg/Kg	1	✱	6010D	Total/NA
Lead	21		1.6	0.64	mg/Kg	1	✱	6010D	Total/NA
Silver	0.97	J	1.1	0.43	mg/Kg	1	✱	6010D	Total/NA
Barium	0.74		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.0012	J	0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0024	J	0.015	0.0016	mg/L	1		6010D	TCLP
Flashpoint	>179		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	5.9		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	280		19	5.6	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	12		9.4	1.9	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	3.6	J	4.7	0.94	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	10	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	4.9	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	8.4	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Chrysene	7.5	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	7.4	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	5.3	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
Pyrene	9.2	J	20	4.0	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.47	J B	1.2	0.21	mg/Kg	25	✱	8015D	Total/NA
Barium	120		0.45	0.13	mg/Kg	1	✱	6010D	Total/NA
Arsenic	6.3		2.7	1.1	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.35	J	0.45	0.089	mg/Kg	1	✱	6010D	Total/NA
Chromium	32		1.3	0.16	mg/Kg	1	✱	6010D	Total/NA
Lead	15		1.3	0.54	mg/Kg	1	✱	6010D	Total/NA
Silver	0.52	J	0.89	0.36	mg/Kg	1	✱	6010D	Total/NA
Barium	0.46		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	0.0018	J	0.015	0.0016	mg/L	1		6010D	TCLP
Lead	0.036		0.015	0.0071	mg/L	1		6010D	TCLP
Mercury	0.063	J	0.070	0.029	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>172		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.7		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	330		23	7.0	ug/Kg	1	✱	8260C	Total/NA
2-Butanone	18		12	2.3	ug/Kg	1	✱	8260C	Total/NA
Methyl acetate	6.1		5.9	1.2	ug/Kg	1	✱	8260C	Total/NA
Acenaphthylene	9.0	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Anthracene	5.7	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	16	J	21	8.4	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	18	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	25		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	11	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	8.9	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Chrysene	22		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	33		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	10	J	21	4.2	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	8.5	J	21	8.4	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	22		21	4.2	ug/Kg	1	✱	8270D	Total/NA
Pyrene	31		21	4.2	ug/Kg	1	✱	8270D	Total/NA
GRO (1C)	0.69	J B	1.3	0.23	mg/Kg	25	✱	8015D	Total/NA
Total EPH (C9-C40)	16		13	13	mg/Kg	1	✱	NJ EPH	Total/NA
Barium	130		0.58	0.17	mg/Kg	1	✱	6010D	Total/NA
Arsenic	8.7		3.5	1.4	mg/Kg	1	✱	6010D	Total/NA
Chromium	35		1.7	0.21	mg/Kg	1	✱	6010D	Total/NA
Lead	24		1.7	0.69	mg/Kg	1	✱	6010D	Total/NA
Selenium	2.3	J	5.8	1.7	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B (Continued)

Lab Sample ID: 410-13618-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.48		0.0050	0.0010	mg/L	1		6010D	TCLP
Cadmium	0.91		0.0050	0.0010	mg/L	1		6010D	TCLP
Chromium	4.4		0.015	0.0016	mg/L	1		6010D	TCLP
Lead	10		0.015	0.0071	mg/L	1		6010D	TCLP
Silver	0.51		0.010	0.0050	mg/L	1		6010D	TCLP
Mercury	0.086		0.072	0.030	mg/Kg	1	✱	7471B	Total/NA
Flashpoint	>181		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.5		0.01	0.01	S.U.	1		9045D	Soluble
Corrosivity	NO		0.01	0.01	NONE	1		9045D	Soluble

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Styrene	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
cis-1,3-Dichloropropene	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
trans-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,4-Dichlorobenzene	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2-Dibromoethane	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2-Dichloroethane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
4-Methyl-2-pentanone	ND		8.6	0.86	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Methylcyclohexane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Toluene	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Chlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Cyclohexane	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2,4-Trichlorobenzene	ND		8.6	4.3	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Dibromochloromethane	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Tetrachloroethene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Xylenes, Total	ND		8.6	1.2	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
cis-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
trans-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Methyl tertiary butyl ether	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,3-Dichlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Carbon tetrachloride	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
2-Hexanone	ND		8.6	0.86	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Acetone	230		17	5.2	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Chloroform	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Benzene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,1,1-Trichloroethane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Bromomethane	ND		4.3	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Chloromethane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Bromochloromethane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Chloroethane	ND		4.3	0.86	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Vinyl chloride	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Methylene Chloride	ND		4.3	1.7	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Carbon disulfide	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Bromoform	ND		8.6	4.3	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Bromodichloromethane	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,1-Dichloroethane	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,1-Dichloroethene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Trichlorofluoromethane	ND		4.3	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Dichlorodifluoromethane	ND		4.3	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Freon 113	ND		8.6	0.52	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2-Dichloropropane	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
2-Butanone	12		8.6	1.7	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,1,2-Trichloroethane	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Trichloroethene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
Methyl acetate	3.0 J		4.3	0.86	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,1,2,2-Tetrachloroethane	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2,3-Trichlorobenzene	ND		8.6	4.3	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
o-Xylene	ND		4.3	0.34	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1
1,2-Dichlorobenzene	ND		4.3	0.43	ug/Kg	☆	09/11/20 14:48	09/15/20 16:34	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		4.3	0.43	ug/Kg	☼	09/11/20 14:48	09/15/20 16:34	1
Isopropylbenzene	ND		4.3	0.34	ug/Kg	☼	09/11/20 14:48	09/15/20 16:34	1
m&p-Xylene	ND		4.3	0.86	ug/Kg	☼	09/11/20 14:48	09/15/20 16:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.7	T J	ug/Kg	☼	4.21		09/11/20 14:48	09/15/20 16:34	1
Naphthalene	14	T J N	ug/Kg	☼	14.56	91-20-3	09/11/20 14:48	09/15/20 16:34	1
Naphthalene, 2-methyl-	8.3	T J N	ug/Kg	☼	15.32	91-57-6	09/11/20 14:48	09/15/20 16:34	1
Naphthalene, 1-methyl-	7.2	T J N	ug/Kg	☼	15.46	90-12-0	09/11/20 14:48	09/15/20 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130	09/11/20 14:48	09/15/20 16:34	1
4-Bromofluorobenzene (Surr)	93		70 - 130	09/11/20 14:48	09/15/20 16:34	1
Dibromofluoromethane (Surr)	100		70 - 130	09/11/20 14:48	09/15/20 16:34	1
Toluene-d8 (Surr)	102		70 - 130	09/11/20 14:48	09/15/20 16:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2000	F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Acenaphthylene	4300	F2 F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Anthracene	7100	F2 F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Benzo[a]anthracene	16000	F2	200	81	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Benzo[a]pyrene	13000	F2	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Benzo[b]fluoranthene	16000	F2	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Benzo[g,h,i]perylene	8100	F2 F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Benzo[k]fluoranthene	7700	F2 F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Chrysene	15000	F2	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Dibenz(a,h)anthracene	2500	F2 F1	200	81	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Fluoranthene	39000	F2	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Fluorene	4100	F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Indeno[1,2,3-cd]pyrene	7800	F2 F1	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Naphthalene	1900	F1	200	81	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Phenanthrene	31000		200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10
Pyrene	31000	F2	200	40	ug/Kg	☼	09/16/20 09:25	09/16/20 19:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	68		30 - 130	09/16/20 09:25	09/16/20 19:52	10
Nitrobenzene-d5 (Surr)	57		30 - 130	09/16/20 09:25	09/16/20 19:52	10
p-Terphenyl-d14 (Surr)	65		30 - 130	09/16/20 09:25	09/16/20 19:52	10

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	5.4	B	1.6	0.28	mg/Kg	☼	09/13/20 08:32	09/17/20 11:53	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142	09/13/20 08:32	09/17/20 11:53	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	660		290	120	mg/Kg	☼	09/15/20 09:00	09/16/20 19:49	20

Eurolins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -terphenyl (Surr)	121		42 - 143	09/15/20 09:00	09/16/20 19:49	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.4	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1221 (1C)	ND		21	5.6	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1232 (1C)	ND		21	9.7	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1242 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1248 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1254 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1
PCB-1260 (1C)	8.2	J	21	6.0	ug/Kg	☆	09/17/20 09:30	09/18/20 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	83		30 - 150	09/17/20 09:30	09/18/20 10:47	1
DCB Decachlorobiphenyl (Surr) (2C)	109		30 - 150	09/17/20 09:30	09/18/20 10:47	1
Tetrachloro- <i>m</i> -xylene (1C)	65		30 - 150	09/17/20 09:30	09/18/20 10:47	1
Tetrachloro- <i>m</i> -xylene (2C)	58		30 - 150	09/17/20 09:30	09/18/20 10:47	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	810		120	120	mg/Kg	☆	09/16/20 15:49	09/21/20 16:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	52		40 - 140	09/16/20 15:49	09/21/20 16:52	10
<i>o</i> -terphenyl (Surr)	104		40 - 140	09/16/20 15:49	09/21/20 16:52	10

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C12-C16 Aromatics (1C)	9.2	J	12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C16-C21 Aliphatics (1C)	ND		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C16-C21 Aromatics (1C)	110		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C21-C36 Aromatic (1C)	100		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C21-C40 Aliphatics (1C)	8.6	J	12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C10-C12 Aromatics (1C)	ND		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1
C9-C12 Aliphatics (1C)	ND		12	3.6	mg/Kg	☆	09/16/20 15:57	09/18/20 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	47		40 - 140	09/16/20 15:57	09/18/20 17:23	1
2-Bromonaphthalene (Surr) (1C)	79		40 - 140	09/16/20 15:57	09/18/20 17:23	1
2-Fluorobiphenyl (Surr) (1C)	82		40 - 140	09/16/20 15:57	09/18/20 17:23	1
<i>o</i> -terphenyl (Surr) (1C)	165	X	40 - 140	09/16/20 15:57	09/18/20 17:23	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	59		0.47	0.14	mg/Kg	☆	09/14/20 05:00	09/14/20 23:07	1
Arsenic	7.1		2.8	1.1	mg/Kg	☆	09/14/20 05:00	09/17/20 16:00	1
Cadmium	0.44	J	0.47	0.095	mg/Kg	☆	09/14/20 05:00	09/14/20 23:07	1
Chromium	25		1.4	0.17	mg/Kg	☆	09/14/20 05:00	09/14/20 23:07	1
Lead	19		1.4	0.57	mg/Kg	☆	09/14/20 05:00	09/17/20 16:00	1
Selenium	ND		4.7	1.4	mg/Kg	☆	09/14/20 05:00	09/17/20 16:00	1
Silver	0.52	J	0.95	0.38	mg/Kg	☆	09/14/20 05:00	09/14/20 23:07	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.4

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.21		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 11:01	1
Arsenic	ND	*	0.030	0.016	mg/L		09/18/20 06:03	09/19/20 11:01	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 11:01	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 06:03	09/19/20 11:01	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 06:03	09/19/20 11:01	1
Selenium	ND	F1	0.050	0.016	mg/L		09/18/20 06:03	09/19/20 11:01	1
Silver	ND	F1	0.010	0.0050	mg/L		09/18/20 06:03	09/19/20 11:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:35	09/20/20 16:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.073	0.030	mg/Kg	✱	09/14/20 05:43	09/14/20 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>173		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/22/20 08:17	09/22/20 19:20	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	18.6		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	81.4		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.1		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.2	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Styrene	ND		5.2	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
cis-1,3-Dichloropropene	ND		5.2	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
trans-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
1,4-Dichlorobenzene	ND		5.2	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
1,2-Dibromoethane	ND		5.2	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
1,2-Dichloroethane	ND		5.2	0.62	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Methylcyclohexane	4.2	J	5.2	0.62	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Toluene	ND		5.2	0.62	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Chlorobenzene	ND		5.2	0.52	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Cyclohexane	1.2	J	5.2	0.52	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
1,2,4-Trichlorobenzene	ND		10	5.2	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Dibromochloromethane	ND		5.2	0.52	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1
Xylenes, Total	ND		10	1.5	ug/Kg	✱	09/11/20 14:48	09/15/20 16:11	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
trans-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Methyl tertiary butyl ether	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,3-Dichlorobenzene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Carbon tetrachloride	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
2-Hexanone	ND		10	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Acetone	340		21	6.2	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Chloroform	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Benzene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Bromomethane	ND		5.2	0.73	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Chloromethane	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Bromochloromethane	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Vinyl chloride	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Methylene Chloride	ND		5.2	2.1	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Carbon disulfide	0.63	J	5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Bromoform	ND		10	5.2	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Bromodichloromethane	ND		5.2	0.42	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Trichlorofluoromethane	ND		5.2	0.73	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Dichlorodifluoromethane	ND		5.2	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Freon 113	ND		10	0.62	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,2-Dichloropropane	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
2-Butanone	19		10	2.1	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,1,2-Trichloroethane	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Methyl acetate	12		5.2	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.42	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,2,3-Trichlorobenzene	ND		10	5.2	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
o-Xylene	0.93	J	5.2	0.42	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,2-Dichlorobenzene	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
1,2-Dibromo-3-Chloropropane	ND		5.2	0.52	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
Isopropylbenzene	ND		5.2	0.42	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1
m&p-Xylene	ND		5.2	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 16:11	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8.5	T J	ug/Kg	☼	4.22		09/11/20 14:48	09/15/20 16:11	1
Hexanal	9.2	T J N	ug/Kg	☼	10.52	66-25-1	09/11/20 14:48	09/15/20 16:11	1
Naphthalene	110	T J N	ug/Kg	☼	14.56	91-20-3	09/11/20 14:48	09/15/20 16:11	1
Naphthalene, 2-methyl-	66	T J N	ug/Kg	☼	15.32	91-57-6	09/11/20 14:48	09/15/20 16:11	1
Naphthalene, 1-methyl-	58	T J N	ug/Kg	☼	15.46	90-12-0	09/11/20 14:48	09/15/20 16:11	1
Naphthalene, 2-ethenyl-	6.6	T J N	ug/Kg	☼	15.86	827-54-3	09/11/20 14:48	09/15/20 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/11/20 14:48	09/15/20 16:11	1
4-Bromofluorobenzene (Surr)	87		70 - 130	09/11/20 14:48	09/15/20 16:11	1
Dibromofluoromethane (Surr)	100		70 - 130	09/11/20 14:48	09/15/20 16:11	1
Toluene-d8 (Surr)	107		70 - 130	09/11/20 14:48	09/15/20 16:11	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	990		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Acenaphthylene	1600		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Anthracene	2800		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Benzo[a]anthracene	4500		20	7.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Benzo[a]pyrene	4200		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Benzo[g,h,i]perylene	2900		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Benzo[k]fluoranthene	1800		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Chrysene	4500		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Dibenz(a,h)anthracene	840		20	7.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Fluorene	1400		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Indeno[1,2,3-cd]pyrene	2500		20	4.0	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1
Naphthalene	760		20	7.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	65		30 - 130	09/16/20 09:25	09/16/20 21:25	1
Nitrobenzene-d5 (Surr)	53		30 - 130	09/16/20 09:25	09/16/20 21:25	1
p-Terphenyl-d14 (Surr)	66		30 - 130	09/16/20 09:25	09/16/20 21:25	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	4800		200	40	ug/Kg	☆	09/16/20 09:25	09/17/20 01:40	10
Fluoranthene	9600		200	40	ug/Kg	☆	09/16/20 09:25	09/17/20 01:40	10
Phenanthrene	8900		200	40	ug/Kg	☆	09/16/20 09:25	09/17/20 01:40	10
Pyrene	8600		200	40	ug/Kg	☆	09/16/20 09:25	09/17/20 01:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	63		30 - 130	09/16/20 09:25	09/17/20 01:40	10
Nitrobenzene-d5 (Surr)	53		30 - 130	09/16/20 09:25	09/17/20 01:40	10
p-Terphenyl-d14 (Surr)	65		30 - 130	09/16/20 09:25	09/17/20 01:40	10

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.73	J B	0.91	0.16	mg/Kg	☆	09/13/20 08:32	09/17/20 11:16	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	73		50 - 142	09/13/20 08:32	09/17/20 11:16	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	520		290	120	mg/Kg	☆	09/15/20 09:00	09/16/20 20:09	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	107		42 - 143	09/15/20 09:00	09/16/20 20:09	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.3	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
PCB-1221 (1C)	ND		20	5.4	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
PCB-1232 (1C)	ND		20	9.5	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
PCB-1260 (1C)	22		20	5.8	ug/Kg	☆	09/17/20 09:30	09/18/20 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	67		30 - 150				09/17/20 09:30	09/18/20 10:57	1
DCB Decachlorobiphenyl (Surr) (2C)	90		30 - 150				09/17/20 09:30	09/18/20 10:57	1
Tetrachloro-m-xylene (1C)	53		30 - 150				09/17/20 09:30	09/18/20 10:57	1
Tetrachloro-m-xylene (2C)	46		30 - 150				09/17/20 09:30	09/18/20 10:57	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	830		120	120	mg/Kg	☆	09/16/20 15:49	09/21/20 17:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	58		40 - 140				09/16/20 15:49	09/21/20 17:17	10
o-terphenyl (Surr)	98		40 - 140				09/16/20 15:49	09/21/20 17:17	10

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 18:03	1
C12-C16 Aromatics (1C)	9.8	J	12	3.5	mg/Kg	☆	09/16/20 15:57	10/02/20 20:25	1
C16-C21 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 18:03	1
C16-C21 Aromatics (1C)	120		12	3.5	mg/Kg	☆	09/16/20 15:57	10/02/20 20:25	1
C21-C36 Aromatic (1C)	170		12	3.5	mg/Kg	☆	09/16/20 15:57	10/02/20 20:25	1
C21-C40 Aliphatics (1C)	8.7	J	12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 18:03	1
C10-C12 Aromatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	10/02/20 20:25	1
C9-C12 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	46		40 - 140				09/16/20 15:57	09/18/20 18:03	1
2-Bromonaphthalene (Surr) (1C)	70		40 - 140				09/16/20 15:57	10/02/20 20:25	1
2-Fluorobiphenyl (Surr) (1C)	72		40 - 140				09/16/20 15:57	10/02/20 20:25	1
o-terphenyl (Surr) (1C)	156	X	40 - 140				09/16/20 15:57	10/02/20 20:25	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	74		0.54	0.16	mg/Kg	☆	09/14/20 05:00	09/14/20 23:04	1
Arsenic	7.9		3.2	1.3	mg/Kg	☆	09/14/20 05:00	09/17/20 15:57	1
Cadmium	0.50	J	0.54	0.11	mg/Kg	☆	09/14/20 05:00	09/14/20 23:04	1
Chromium	24		1.6	0.19	mg/Kg	☆	09/14/20 05:00	09/14/20 23:04	1
Lead	25		1.6	0.65	mg/Kg	☆	09/14/20 05:00	09/17/20 15:57	1
Selenium	ND		5.4	1.6	mg/Kg	☆	09/14/20 05:00	09/17/20 15:57	1
Silver	0.53	J	1.1	0.43	mg/Kg	☆	09/14/20 05:00	09/14/20 23:04	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.26		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 10:51	1
Arsenic	ND	*	0.030	0.016	mg/L		09/18/20 06:03	09/19/20 10:51	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 10:51	1
Chromium	0.0017	J	0.015	0.0016	mg/L		09/18/20 06:03	09/19/20 10:51	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 06:03	09/19/20 10:51	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Method: 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.050	0.016	mg/L		09/18/20 06:03	09/19/20 10:51	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 06:03	09/19/20 10:51	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:35	09/20/20 16:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J	0.071	0.030	mg/Kg	☆	09/14/20 05:43	09/14/20 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/22/20 08:17	09/22/20 19:18	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	16.7		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	83.3		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.9		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.1	0.41	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Styrene	ND		5.1	0.41	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
cis-1,3-Dichloropropene	ND		5.1	0.41	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
trans-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
1,4-Dichlorobenzene	ND		5.1	0.41	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
1,2-Dibromoethane	ND		5.1	0.41	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
1,2-Dichloroethane	ND		5.1	0.61	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Methylcyclohexane	ND		5.1	0.61	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Toluene	ND		5.1	0.61	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Chlorobenzene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Cyclohexane	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Dibromochloromethane	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Xylenes, Total	ND		10	1.4	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
trans-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Methyl tertiary butyl ether	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
1,3-Dichlorobenzene	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1
Carbon tetrachloride	ND		5.1	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 12:20	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Acetone	220		20	6.1	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Chloroform	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Benzene	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Bromomethane	ND		5.1	0.71	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Chloromethane	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Bromochloromethane	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Methylene Chloride	ND		5.1	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Carbon disulfide	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Bromoform	ND		10	5.1	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Bromodichloromethane	ND		5.1	0.41	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Trichlorofluoromethane	ND		5.1	0.71	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Dichlorodifluoromethane	ND		5.1	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Freon 113	ND		10	0.61	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,2-Dichloropropane	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
2-Butanone	15		10	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,1,2-Trichloroethane	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Methyl acetate	9.9		5.1	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.41	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,2,3-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
o-Xylene	ND		5.1	0.41	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,2-Dichlorobenzene	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.51	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
Isopropylbenzene	ND		5.1	0.41	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1
m&p-Xylene	ND		5.1	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 12:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexanal	13	T J N	ug/Kg	☼	10.52	66-25-1	09/11/20 14:48	09/15/20 12:20	1
Nonane	6.2	T J N	ug/Kg	☼	11.37	111-84-2	09/11/20 14:48	09/15/20 12:20	1
Undecane	15	T J N	ug/Kg	☼	13.31	1120-21-4	09/11/20 14:48	09/15/20 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130	09/11/20 14:48	09/15/20 12:20	1
4-Bromofluorobenzene (Surr)	96		70 - 130	09/11/20 14:48	09/15/20 12:20	1
Dibromofluoromethane (Surr)	97		70 - 130	09/11/20 14:48	09/15/20 12:20	1
Toluene-d8 (Surr)	105		70 - 130	09/11/20 14:48	09/15/20 12:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	8.5	J	19	3.9	ug/Kg	☼	09/16/20 09:25	09/16/20 21:48	1
Acenaphthylene	47		19	3.9	ug/Kg	☼	09/16/20 09:25	09/16/20 21:48	1
Anthracene	15	J	19	3.9	ug/Kg	☼	09/16/20 09:25	09/16/20 21:48	1
Benzo[a]anthracene	19		19	7.7	ug/Kg	☼	09/16/20 09:25	09/16/20 21:48	1
Benzo[a]pyrene	18	J	19	3.9	ug/Kg	☼	09/16/20 09:25	09/16/20 21:48	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	30		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Benzo[g,h,i]perylene	13	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Benzo[k]fluoranthene	5.4	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Chrysene	21		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Dibenz(a,h)anthracene	ND		19	7.7	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Fluoranthene	45		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Fluorene	8.3	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Indeno[1,2,3-cd]pyrene	11	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Naphthalene	ND		19	7.7	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Phenanthrene	34		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1
Pyrene	41		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130	09/16/20 09:25	09/16/20 21:48	1
Nitrobenzene-d5 (Surr)	60		30 - 130	09/16/20 09:25	09/16/20 21:48	1
p-Terphenyl-d14 (Surr)	77		30 - 130	09/16/20 09:25	09/16/20 21:48	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.24	J B	1.2	0.22	mg/Kg	☆	09/13/20 08:32	09/17/20 10:40	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	69		50 - 142	09/13/20 08:32	09/17/20 10:40	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		14	5.8	mg/Kg	☆	09/15/20 09:00	09/16/20 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	86		42 - 143	09/15/20 09:00	09/16/20 15:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1221 (1C)	ND		20	5.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1232 (1C)	ND		20	9.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1242 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1248 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1254 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1
PCB-1260 (1C)	ND		20	5.7	ug/Kg	☆	09/17/20 09:30	09/18/20 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	92		30 - 150	09/17/20 09:30	09/18/20 11:08	1
DCB Decachlorobiphenyl (Surr) (2C)	107		30 - 150	09/17/20 09:30	09/18/20 11:08	1
Tetrachloro-m-xylene (1C)	79		30 - 150	09/17/20 09:30	09/18/20 11:08	1
Tetrachloro-m-xylene (2C)	87		30 - 150	09/17/20 09:30	09/18/20 11:08	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15		11	11	mg/Kg	☆	09/16/20 15:49	09/21/20 13:10	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	90		40 - 140	09/16/20 15:49	09/21/20 13:10	1
o-terphenyl (Surr)	83		40 - 140	09/16/20 15:49	09/21/20 13:10	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C21-C40 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140	09/16/20 15:57	09/18/20 18:43	1
2-Bromonaphthalene (Surr) (1C)	80		40 - 140	09/16/20 15:57	09/18/20 18:43	1
2-Fluorobiphenyl (Surr) (1C)	84		40 - 140	09/16/20 15:57	09/18/20 18:43	1
o-terphenyl (Surr) (1C)	62		40 - 140	09/16/20 15:57	09/18/20 18:43	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	280		0.41	0.12	mg/Kg	☆	09/14/20 05:00	09/14/20 23:00	1
Arsenic	7.0		2.4	0.97	mg/Kg	☆	09/14/20 05:00	09/17/20 15:53	1
Cadmium	0.51		0.41	0.081	mg/Kg	☆	09/14/20 05:00	09/14/20 23:00	1
Chromium	47		1.2	0.15	mg/Kg	☆	09/14/20 05:00	09/14/20 23:00	1
Lead	21		1.2	0.49	mg/Kg	☆	09/14/20 05:00	09/17/20 15:53	1
Selenium	ND		4.1	1.2	mg/Kg	☆	09/14/20 05:00	09/17/20 15:53	1
Silver	0.89		0.81	0.32	mg/Kg	☆	09/14/20 05:00	09/14/20 23:00	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.75		0.0050	0.0010	mg/L	—	09/18/20 06:03	09/19/20 10:47	1
Arsenic	ND	*	0.030	0.016	mg/L	—	09/18/20 06:03	09/19/20 10:47	1
Cadmium	ND		0.0050	0.0010	mg/L	—	09/18/20 06:03	09/19/20 10:47	1
Chromium	ND		0.015	0.0016	mg/L	—	09/18/20 06:03	09/19/20 10:47	1
Lead	ND		0.015	0.0071	mg/L	—	09/18/20 06:03	09/19/20 10:47	1
Selenium	ND		0.050	0.016	mg/L	—	09/18/20 06:03	09/19/20 15:25	1
Silver	ND		0.010	0.0050	mg/L	—	09/18/20 06:03	09/19/20 10:47	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L	—	09/18/20 09:35	09/20/20 16:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.068	0.028	mg/Kg	☆	09/14/20 05:43	09/14/20 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>178		50.0	50.0	Degrees F	—		09/30/20 07:57	1
Cyanide, Reactive	ND		58	19	mg/Kg	—	09/22/20 08:17	09/22/20 19:17	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	52	mg/Kg		09/22/20 08:17	09/22/20 12:11	1
Percent Moisture	14.5		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	85.5		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.8		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Styrene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
cis-1,3-Dichloropropene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
trans-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,4-Dichlorobenzene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2-Dibromoethane	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2-Dichloroethane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Methylcyclohexane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Toluene	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Chlorobenzene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Cyclohexane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Dibromochloromethane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Xylenes, Total	ND		10	1.4	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
trans-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Methyl tertiary butyl ether	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,3-Dichlorobenzene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Carbon tetrachloride	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
2-Hexanone	ND		10	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Acetone	250		20	6.1	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Chloroform	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Benzene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Bromomethane	ND		5.1	0.71	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Chloromethane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Bromochloromethane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Chloroethane	ND		5.1	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Methylene Chloride	ND		5.1	2.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Carbon disulfide	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Bromoform	ND		10	5.1	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Bromodichloromethane	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Trichlorofluoromethane	ND		5.1	0.71	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Dichlorodifluoromethane	ND		5.1	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Freon 113	ND		10	0.61	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2-Dichloropropane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
2-Butanone	14		10	2.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,1,2-Trichloroethane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Trichloroethene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Methyl acetate	4.6 J		5.1	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2,3-Trichlorobenzene	ND		10	5.1	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
o-Xylene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2-Dichlorobenzene	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
Isopropylbenzene	ND		5.1	0.40	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1
m&p-Xylene	ND		5.1	1.0	ug/Kg	✱	09/11/20 14:48	09/15/20 12:43	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexanal	9.3	T J N	ug/Kg	✱	10.52	66-25-1	09/11/20 14:48	09/15/20 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130	09/11/20 14:48	09/15/20 12:43	1
4-Bromofluorobenzene (Surr)	89		70 - 130	09/11/20 14:48	09/15/20 12:43	1
Dibromofluoromethane (Surr)	98		70 - 130	09/11/20 14:48	09/15/20 12:43	1
Toluene-d8 (Surr)	106		70 - 130	09/11/20 14:48	09/15/20 12:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.9 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Acenaphthylene	29		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Anthracene	17 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Benzo[a]anthracene	29		21	8.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Benzo[a]pyrene	31		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Benzo[b]fluoranthene	47		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Benzo[g,h,i]perylene	20 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Benzo[k]fluoranthene	12 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Chrysene	30		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Dibenz(a,h)anthracene	9.8 J		21	8.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Fluoranthene	66		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Fluorene	7.7 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Indeno[1,2,3-cd]pyrene	19 J		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Naphthalene	ND		21	8.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Phenanthrene	45		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1
Pyrene	59		21	4.3	ug/Kg	✱	09/16/20 09:25	09/16/20 22:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		30 - 130	09/16/20 09:25	09/16/20 22:11	1
Nitrobenzene-d5 (Surr)	66		30 - 130	09/16/20 09:25	09/16/20 22:11	1
p-Terphenyl-d14 (Surr)	86		30 - 130	09/16/20 09:25	09/16/20 22:11	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.55	J B	1.3	0.23	mg/Kg	☆	09/13/20 08:32	09/17/20 10:04	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	96		50 - 142	09/13/20 08:32	09/17/20 10:04	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	6.9	J	15	6.4	mg/Kg	☆	09/15/20 09:00	09/16/20 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	81		42 - 143	09/15/20 09:00	09/16/20 15:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		22	4.6	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1221 (1C)	ND		22	5.9	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1232 (1C)	ND		22	10	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1242 (1C)	ND		22	4.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1248 (1C)	ND		22	4.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1254 (1C)	ND		22	4.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1
PCB-1260 (1C)	ND		22	6.3	ug/Kg	☆	09/17/20 09:30	09/18/20 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	106		30 - 150	09/17/20 09:30	09/18/20 11:18	1
DCB Decachlorobiphenyl (Surr) (2C)	116		30 - 150	09/17/20 09:30	09/18/20 11:18	1
Tetrachloro-m-xylene (1C)	85		30 - 150	09/17/20 09:30	09/18/20 11:18	1
Tetrachloro-m-xylene (2C)	96		30 - 150	09/17/20 09:30	09/18/20 11:18	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	19		13	13	mg/Kg	☆	09/16/20 15:49	09/21/20 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	98		40 - 140	09/16/20 15:49	09/21/20 11:55	1
o- terphenyl (Surr)	89		40 - 140	09/16/20 15:49	09/21/20 11:55	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C12-C16 Aromatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C16-C21 Aliphatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C16-C21 Aromatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C21-C36 Aromatic (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C21-C40 Aliphatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C10-C12 Aromatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1
C9-C12 Aliphatics (1C)	ND		13	3.9	mg/Kg	☆	09/16/20 15:57	09/18/20 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	48		40 - 140	09/16/20 15:57	09/18/20 15:22	1
2-Bromonaphthalene (Surr) (1C)	56		40 - 140	09/16/20 15:57	09/18/20 15:22	1
2-Fluorobiphenyl (Surr) (1C)	57		40 - 140	09/16/20 15:57	09/18/20 15:22	1
o- terphenyl (Surr) (1C)	47		40 - 140	09/16/20 15:57	09/18/20 15:22	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	240		0.43	0.13	mg/Kg	✱	09/14/20 05:00	09/14/20 23:26	1
Arsenic	28		2.6	1.0	mg/Kg	✱	09/14/20 05:00	09/17/20 16:15	1
Cadmium	0.32	J	0.43	0.087	mg/Kg	✱	09/14/20 05:00	09/14/20 23:26	1
Chromium	56		1.3	0.16	mg/Kg	✱	09/14/20 05:00	09/14/20 23:26	1
Lead	27		1.3	0.52	mg/Kg	✱	09/14/20 05:00	09/17/20 16:15	1
Selenium	ND		4.3	1.3	mg/Kg	✱	09/14/20 05:00	09/17/20 16:15	1
Silver	1.3		0.87	0.35	mg/Kg	✱	09/14/20 05:00	09/14/20 23:26	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0069		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:46	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:49	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:46	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:46	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:46	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:49	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:46	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.074	0.031	mg/Kg	✱	09/14/20 05:43	09/14/20 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>181		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/30/20 12:45	10/01/20 21:06	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	23.3		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	76.7		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.4		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.3	0.50	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1
Styrene	ND		6.3	0.50	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1
cis-1,3-Dichloropropene	ND		6.3	0.50	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1
1,4-Dichlorobenzene	ND		6.3	0.50	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1
1,2-Dibromoethane	ND		6.3	0.50	ug/Kg	✱	09/11/20 14:48	09/15/20 13:06	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
4-Methyl-2-pentanone	ND		13	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Methylcyclohexane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Toluene	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Chlorobenzene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Cyclohexane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,2,4-Trichlorobenzene	ND		13	6.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Dibromochloromethane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Tetrachloroethene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Xylenes, Total	ND		13	1.8	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Methyl tertiary butyl ether	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,3-Dichlorobenzene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Carbon tetrachloride	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
2-Hexanone	ND		13	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Acetone	380		25	7.5	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Chloroform	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Benzene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,1,1-Trichloroethane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Bromomethane	ND		6.3	0.88	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Chloromethane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Bromochloromethane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Chloroethane	ND		6.3	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Vinyl chloride	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Methylene Chloride	ND		6.3	2.5	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Carbon disulfide	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Bromoform	ND		13	6.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Bromodichloromethane	ND		6.3	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,1-Dichloroethane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,1-Dichloroethene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Trichlorofluoromethane	ND		6.3	0.88	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Dichlorodifluoromethane	ND		6.3	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Freon 113	ND		13	0.75	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,2-Dichloropropane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
2-Butanone	28		13	2.5	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,1,2-Trichloroethane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Trichloroethene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Methyl acetate	220		6.3	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,1,2,2-Tetrachloroethane	ND		6.3	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,2,3-Trichlorobenzene	ND		13	6.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
o-Xylene	ND		6.3	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,2-Dichlorobenzene	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
1,2-Dibromo-3-Chloropropane	ND		6.3	0.63	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
Isopropylbenzene	ND		6.3	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1
m&p-Xylene	ND		6.3	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 13:06	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	7.6	T J	ug/Kg	☼	4.22		09/11/20 14:48	09/15/20 13:06	1
Hexanal	20	T J N	ug/Kg	☼	10.51	66-25-1	09/11/20 14:48	09/15/20 13:06	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130	09/11/20 14:48	09/15/20 13:06	1
4-Bromofluorobenzene (Surr)	86		70 - 130	09/11/20 14:48	09/15/20 13:06	1
Dibromofluoromethane (Surr)	99		70 - 130	09/11/20 14:48	09/15/20 13:06	1
Toluene-d8 (Surr)	110		70 - 130	09/11/20 14:48	09/15/20 13:06	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	21		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Acenaphthylene	59		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Anthracene	63		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Benzo[a]anthracene	140		19	7.5	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Benzo[a]pyrene	140		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Benzo[b]fluoranthene	180		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Benzo[g,h,i]perylene	100		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Benzo[k]fluoranthene	80		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Chrysene	170		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Dibenz(a,h)anthracene	24		19	7.5	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Fluoranthene	310		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Fluorene	24		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Indeno[1,2,3-cd]pyrene	90		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Naphthalene	23		19	7.5	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Phenanthrene	240		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1
Pyrene	290		19	3.8	ug/Kg	☆	09/16/20 09:25	09/16/20 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130	09/16/20 09:25	09/16/20 22:34	1
Nitrobenzene-d5 (Surr)	60		30 - 130	09/16/20 09:25	09/16/20 22:34	1
p-Terphenyl-d14 (Surr)	76		30 - 130	09/16/20 09:25	09/16/20 22:34	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	3.7	J B	12	2.2	mg/Kg	☆	09/13/20 08:32	09/17/20 09:21	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	108		50 - 142	09/13/20 08:32	09/17/20 09:21	250

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	17		14	5.7	mg/Kg	☆	09/15/20 09:00	09/16/20 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	102		42 - 143	09/15/20 09:00	09/16/20 16:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.1	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1221 (1C)	ND		19	5.2	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1232 (1C)	ND		19	9.1	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1
PCB-1260 (1C)	ND		19	5.5	ug/Kg	☆	09/17/20 09:30	09/18/20 11:28	1

Eurolins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	105		30 - 150	09/17/20 09:30	09/18/20 11:28	1
DCB Decachlorobiphenyl (Surr) (2C)	136		30 - 150	09/17/20 09:30	09/18/20 11:28	1
Tetrachloro-m-xylene (1C)	81		30 - 150	09/17/20 09:30	09/18/20 11:28	1
Tetrachloro-m-xylene (2C)	88		30 - 150	09/17/20 09:30	09/18/20 11:28	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	38		11	11	mg/Kg	☆	09/16/20 15:49	09/21/20 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	97		40 - 140	09/16/20 15:49	09/21/20 13:34	1
o-terphenyl (Surr)	93		40 - 140	09/16/20 15:49	09/21/20 13:34	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C12-C16 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C16-C21 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C16-C21 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C21-C36 Aromatic (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C21-C40 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C10-C12 Aromatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1
C9-C12 Aliphatics (1C)	ND		11	3.3	mg/Kg	☆	09/16/20 15:57	09/18/20 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	45		40 - 140	09/16/20 15:57	09/18/20 19:24	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140	09/16/20 15:57	09/18/20 19:24	1
2-Fluorobiphenyl (Surr) (1C)	81		40 - 140	09/16/20 15:57	09/18/20 19:24	1
o-terphenyl (Surr) (1C)	68		40 - 140	09/16/20 15:57	09/18/20 19:24	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	98		0.48	0.14	mg/Kg	☆	09/14/20 05:00	09/14/20 23:30	1
Arsenic	10		2.9	1.2	mg/Kg	☆	09/14/20 05:00	09/17/20 16:19	1
Cadmium	0.52		0.48	0.097	mg/Kg	☆	09/14/20 05:00	09/14/20 23:30	1
Chromium	25		1.4	0.17	mg/Kg	☆	09/14/20 05:00	09/14/20 23:30	1
Lead	38		1.4	0.58	mg/Kg	☆	09/14/20 05:00	09/17/20 16:19	1
Selenium	ND		4.8	1.4	mg/Kg	☆	09/14/20 05:00	09/17/20 16:19	1
Silver	0.57 J		0.97	0.39	mg/Kg	☆	09/14/20 05:00	09/14/20 23:30	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.37		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 11:30	1
Arsenic	ND	*	0.030	0.016	mg/L		09/18/20 06:03	09/19/20 11:30	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 11:30	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 06:03	09/19/20 11:30	1
Lead	0.089		0.015	0.0071	mg/L		09/18/20 06:03	09/19/20 11:30	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 06:03	09/19/20 11:30	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 06:03	09/19/20 11:30	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 17:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095		0.066	0.028	mg/Kg	☆	09/14/20 05:43	09/14/20 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>183		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/30/20 12:45	10/01/20 21:10	1
Sulfide, Reactive	ND		150	52	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	12.3		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	87.7		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.3		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.4	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Styrene	ND		6.4	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
cis-1,3-Dichloropropene	ND		6.4	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
trans-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,4-Dichlorobenzene	ND	*3	6.4	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,2-Dibromoethane	ND		6.4	0.51	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,2-Dichloroethane	ND		6.4	0.77	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
4-Methyl-2-pentanone	ND		13	1.3	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Methylcyclohexane	ND		6.4	0.77	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Toluene	4.2	J	6.4	0.77	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Chlorobenzene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Cyclohexane	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,2,4-Trichlorobenzene	ND	*3	13	6.4	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Dibromochloromethane	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Tetrachloroethene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Xylenes, Total	ND		13	1.8	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
cis-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
trans-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Methyl tertiary butyl ether	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,3-Dichlorobenzene	ND	*3	6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Carbon tetrachloride	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
2-Hexanone	ND		13	1.3	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Acetone	270		26	7.7	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Chloroform	ND		6.4	0.77	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
Benzene	ND		6.4	0.64	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1
1,1,1-Trichloroethane	ND		6.4	0.77	ug/Kg	☆	09/11/20 14:48	09/15/20 13:29	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		6.4	0.90	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Chloromethane	ND		6.4	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Bromochloromethane	ND		6.4	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Chloroethane	ND		6.4	1.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Vinyl chloride	ND		6.4	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Methylene Chloride	ND		6.4	2.6	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Carbon disulfide	1.5	J	6.4	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Bromoform	ND		13	6.4	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Bromodichloromethane	ND		6.4	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,1-Dichloroethane	ND		6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,1-Dichloroethene	ND		6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Trichlorofluoromethane	ND		6.4	0.90	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Dichlorodifluoromethane	ND		6.4	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Freon 113	ND		13	0.77	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,2-Dichloropropane	ND		6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
2-Butanone	20		13	2.6	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,1,2-Trichloroethane	ND		6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Trichloroethene	ND		6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Methyl acetate	6.0	J	6.4	1.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,1,2,2-Tetrachloroethane	ND	*3	6.4	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,2,3-Trichlorobenzene	ND	*3	13	6.4	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
o-Xylene	ND		6.4	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,2-Dichlorobenzene	ND	*3	6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
1,2-Dibromo-3-Chloropropane	ND	*3	6.4	0.64	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
Isopropylbenzene	ND		6.4	0.51	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1
m&p-Xylene	ND		6.4	1.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:29	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	37	T J	ug/Kg	✱	4.22		09/11/20 14:48	09/15/20 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130	09/11/20 14:48	09/15/20 13:29	1
4-Bromofluorobenzene (Surr)	72		70 - 130	09/11/20 14:48	09/15/20 13:29	1
Dibromofluoromethane (Surr)	100		70 - 130	09/11/20 14:48	09/15/20 13:29	1
Toluene-d8 (Surr)	121		70 - 130	09/11/20 14:48	09/15/20 13:29	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	14	J	23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Acenaphthylene	68		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Anthracene	38		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Benzo[a]anthracene	86		23	9.2	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Benzo[a]pyrene	110		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Benzo[b]fluoranthene	160		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Benzo[g,h,i]perylene	86		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Benzo[k]fluoranthene	51		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Chrysene	120		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Dibenz(a,h)anthracene	19	J	23	9.2	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Fluoranthene	230		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Fluorene	20	J	23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	77		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Naphthalene	36		23	9.2	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Phenanthrene	160		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1
Pyrene	200		23	4.6	ug/Kg	✱	09/16/20 09:25	09/16/20 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	68		30 - 130	09/16/20 09:25	09/16/20 22:57	1
Nitrobenzene-d5 (Surr)	53		30 - 130	09/16/20 09:25	09/16/20 22:57	1
p-Terphenyl-d14 (Surr)	78		30 - 130	09/16/20 09:25	09/16/20 22:57	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.86	J B	1.6	0.28	mg/Kg	✱	09/13/20 08:32	09/17/20 08:45	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	97		50 - 142	09/13/20 08:32	09/17/20 08:45	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	35		17	6.9	mg/Kg	✱	09/15/20 09:00	09/16/20 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	82		42 - 143	09/15/20 09:00	09/16/20 16:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		23	4.9	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1221 (1C)	ND		23	6.3	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1232 (1C)	ND		23	11	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1242 (1C)	ND		23	4.5	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1248 (1C)	ND		23	4.5	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1254 (1C)	ND		23	4.5	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1
PCB-1260 (1C)	ND		23	6.7	ug/Kg	✱	09/17/20 09:30	09/18/20 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	100		30 - 150	09/17/20 09:30	09/18/20 17:26	1
DCB Decachlorobiphenyl (Surr) (2C)	96		30 - 150	09/17/20 09:30	09/18/20 17:26	1
Tetrachloro-m-xylene (1C)	86		30 - 150	09/17/20 09:30	09/18/20 17:26	1
Tetrachloro-m-xylene (2C)	92		30 - 150	09/17/20 09:30	09/18/20 17:26	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	120		13	13	mg/Kg	✱	09/16/20 15:49	09/21/20 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	93		40 - 140	09/16/20 15:49	09/21/20 13:59	1
o-terphenyl (Surr)	88		40 - 140	09/16/20 15:49	09/21/20 13:59	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		13	4.0	mg/Kg	✱	09/16/20 15:57	09/18/20 20:04	1
C12-C16 Aromatics (1C)	ND		13	4.0	mg/Kg	✱	09/16/20 15:57	09/18/20 20:04	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C16-C21 Aliphatics (1C)	ND		13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1
C16-C21 Aromatics (1C)	ND		13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1
C21-C36 Aromatic (1C)	5.7	J	13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1
C21-C40 Aliphatics (1C)	5.8	J	13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1
C10-C12 Aromatics (1C)	ND		13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1
C9-C12 Aliphatics (1C)	ND		13	4.0	mg/Kg	☆	09/16/20 15:57	09/18/20 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	42		40 - 140	09/16/20 15:57	09/18/20 20:04	1
2-Bromonaphthalene (Surr) (1C)	82		40 - 140	09/16/20 15:57	09/18/20 20:04	1
2-Fluorobiphenyl (Surr) (1C)	86		40 - 140	09/16/20 15:57	09/18/20 20:04	1
o-terphenyl (Surr) (1C)	71		40 - 140	09/16/20 15:57	09/18/20 20:04	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		0.49	0.15	mg/Kg	☆	09/14/20 05:00	09/14/20 22:24	1
Arsenic	9.7		2.9	1.2	mg/Kg	☆	09/14/20 05:00	09/17/20 15:39	1
Cadmium	0.57		0.49	0.097	mg/Kg	☆	09/14/20 05:00	09/14/20 22:24	1
Chromium	31		1.5	0.17	mg/Kg	☆	09/14/20 05:00	09/14/20 22:24	1
Lead	33		1.5	0.58	mg/Kg	☆	09/14/20 05:00	09/17/20 15:39	1
Selenium	ND		4.9	1.5	mg/Kg	☆	09/14/20 05:00	09/17/20 15:39	1
Silver	0.53	J	0.97	0.39	mg/Kg	☆	09/14/20 05:00	09/14/20 22:24	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.37		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:25	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:22	1
Cadmium	0.0016	J	0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:25	1
Chromium	0.0022	J	0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:25	1
Lead	0.067		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:25	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:22	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:26	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	J	0.079	0.033	mg/Kg	☆	09/14/20 05:43	09/14/20 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>185		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/30/20 12:45	10/01/20 21:11	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	27.5		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	72.5		1.0	1.0	%			09/11/20 12:33	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.2		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Styrene	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
cis-1,3-Dichloropropene	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
trans-1,3-Dichloropropene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,4-Dichlorobenzene	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,2-Dibromoethane	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,2-Dichloroethane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
4-Methyl-2-pentanone	ND		11	1.1	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Methylcyclohexane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Toluene	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Chlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Cyclohexane	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Xylenes, Total	ND		11	1.5	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
trans-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Methyl tertiary butyl ether	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,3-Dichlorobenzene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Carbon tetrachloride	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
2-Hexanone	ND		11	1.1	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Acetone	180		21	6.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Chloroform	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Benzene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,1,1-Trichloroethane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Bromomethane	ND		5.3	0.74	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Chloromethane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Bromochloromethane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Chloroethane	ND		5.3	1.1	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Carbon disulfide	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Bromoform	ND		11	5.3	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Bromodichloromethane	ND		5.3	0.42	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Trichlorofluoromethane	ND		5.3	0.74	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Dichlorodifluoromethane	ND		5.3	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
Freon 113	ND		11	0.63	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1
1,2-Dichloropropane	ND		5.3	0.53	ug/Kg	✱	09/11/20 14:48	09/15/20 13:52	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	17		11	2.1	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
1,1,2-Trichloroethane	ND		5.3	0.53	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
Trichloroethene	ND		5.3	0.53	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
Methyl acetate	2.7	J	5.3	1.1	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.42	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
1,2,3-Trichlorobenzene	ND		11	5.3	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
o-Xylene	ND		5.3	0.42	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
1,2-Dichlorobenzene	ND		5.3	0.53	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.53	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
Isopropylbenzene	ND		5.3	0.42	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1
m&p-Xylene	ND		5.3	1.1	ug/Kg	☆	09/11/20 14:48	09/15/20 13:52	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	40	T J	ug/Kg	☆	4.22		09/11/20 14:48	09/15/20 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130	09/11/20 14:48	09/15/20 13:52	1
4-Bromofluorobenzene (Surr)	89		70 - 130	09/11/20 14:48	09/15/20 13:52	1
Dibromofluoromethane (Surr)	99		70 - 130	09/11/20 14:48	09/15/20 13:52	1
Toluene-d8 (Surr)	105		70 - 130	09/11/20 14:48	09/15/20 13:52	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Acenaphthylene	20		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Anthracene	9.6	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Benzo[a]anthracene	23		19	7.7	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Benzo[a]pyrene	32		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Benzo[b]fluoranthene	44		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Benzo[g,h,i]perylene	19		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Benzo[k]fluoranthene	13	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Chrysene	33		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Dibenz(a,h)anthracene	ND		19	7.7	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Fluoranthene	47		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Fluorene	ND		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Indeno[1,2,3-cd]pyrene	15	J	19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Naphthalene	ND		19	7.7	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Phenanthrene	33		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1
Pyrene	53		19	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	60		30 - 130	09/16/20 09:25	09/16/20 23:20	1
Nitrobenzene-d5 (Surr)	51		30 - 130	09/16/20 09:25	09/16/20 23:20	1
p-Terphenyl-d14 (Surr)	61		30 - 130	09/16/20 09:25	09/16/20 23:20	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.23	J B	1.1	0.20	mg/Kg	☆	09/13/20 08:32	09/17/20 08:09	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,-Trifluorotoluene (fid) (1C)	90		50 - 142	09/13/20 08:32	09/17/20 08:09	25

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.6

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	11	J	14	5.8	mg/Kg	☆	09/15/20 09:00	09/16/20 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -terphenyl (Surr)	96		42 - 143				09/15/20 09:00	09/16/20 15:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1221 (1C)	ND		20	5.3	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1232 (1C)	ND		20	9.2	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1242 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1248 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1254 (1C)	ND		20	3.8	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
PCB-1260 (1C)	16	J	20	5.7	ug/Kg	☆	09/17/20 09:30	09/18/20 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	92		30 - 150				09/17/20 09:30	09/18/20 17:38	1
DCB Decachlorobiphenyl (Surr) (2C)	94		30 - 150				09/17/20 09:30	09/18/20 17:38	1
Tetrachloro- <i>m</i> -xylene (1C)	86		30 - 150				09/17/20 09:30	09/18/20 17:38	1
Tetrachloro- <i>m</i> -xylene (2C)	93		30 - 150				09/17/20 09:30	09/18/20 17:38	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	51		11	11	mg/Kg	☆	09/16/20 15:49	09/21/20 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	105		40 - 140				09/16/20 15:49	09/21/20 15:13	1
<i>o</i> -terphenyl (Surr)	98		40 - 140				09/16/20 15:49	09/21/20 15:13	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C21-C40 Aliphatics (1C)	3.7	J	11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	43		40 - 140				09/16/20 15:57	09/18/20 21:52	1
2-Bromonaphthalene (Surr) (1C)	81		40 - 140				09/16/20 15:57	09/18/20 21:52	1
2-Fluorobiphenyl (Surr) (1C)	84		40 - 140				09/16/20 15:57	09/18/20 21:52	1
<i>o</i> -terphenyl (Surr) (1C)	72		40 - 140				09/16/20 15:57	09/18/20 21:52	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	190		0.47	0.14	mg/Kg	☆	09/14/20 05:00	09/14/20 23:36	1
Arsenic	11		2.8	1.1	mg/Kg	☆	09/14/20 05:00	09/17/20 16:26	1
Cadmium	0.67		0.47	0.093	mg/Kg	☆	09/14/20 05:00	09/14/20 23:36	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.6

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	29		1.4	0.17	mg/Kg	☼	09/14/20 05:00	09/14/20 23:36	1
Lead	18		1.4	0.56	mg/Kg	☼	09/14/20 05:00	09/17/20 16:26	1
Selenium	ND		4.7	1.4	mg/Kg	☼	09/14/20 05:00	09/17/20 16:26	1
Silver	0.63	J	0.93	0.37	mg/Kg	☼	09/14/20 05:00	09/14/20 23:36	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.021		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 17:22	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 07:25	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 17:22	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 17:22	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 17:22	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 07:25	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 17:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 17:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.068	0.028	mg/Kg	☼	09/14/20 05:43	09/14/20 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>182		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		60	20	mg/Kg		09/30/20 12:45	10/01/20 21:12	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	14.4		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	85.6		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.9		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Styrene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
4-Methyl-2-pentanone	ND		9.9	0.99	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Chlorobenzene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Cyclohexane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2,4-Trichlorobenzene	ND		9.9	5.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Xylenes, Total	ND		9.9	1.4	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
2-Hexanone	ND		9.9	0.99	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Acetone	130		20	6.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Chloroform	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Benzene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Bromomethane	ND		5.0	0.70	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Chloromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Bromochloromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Chloroethane	ND		5.0	0.99	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Methylene Chloride	ND		5.0	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Carbon disulfide	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Bromoform	ND		9.9	5.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Freon 113	ND		9.9	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
2-Butanone	12		9.9	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Methyl acetate	2.8 J		5.0	0.99	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2,3-Trichlorobenzene	ND		9.9	5.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
o-Xylene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1
m&p-Xylene	ND		5.0	0.99	ug/Kg	☼	09/11/20 14:48	09/15/20 14:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/11/20 14:48	09/15/20 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130	09/11/20 14:48	09/15/20 14:15	1
4-Bromofluorobenzene (Surr)	94		70 - 130	09/11/20 14:48	09/15/20 14:15	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		70 - 130	09/11/20 14:48	09/15/20 14:15	1
Toluene-d8 (Surr)	101		70 - 130	09/11/20 14:48	09/15/20 14:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Acenaphthylene	6.2	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Anthracene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Benzo[a]anthracene	ND		20	7.8	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Benzo[a]pyrene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Benzo[b]fluoranthene	8.4	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Benzo[g,h,i]perylene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Benzo[k]fluoranthene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Chrysene	6.2	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Dibenz(a,h)anthracene	ND		20	7.8	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Fluoranthene	9.3	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Fluorene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Indeno[1,2,3-cd]pyrene	ND		20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Naphthalene	ND		20	7.8	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Phenanthrene	5.0	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1
Pyrene	8.9	J	20	3.9	ug/Kg	☆	09/16/20 09:25	09/16/20 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		30 - 130	09/16/20 09:25	09/16/20 23:43	1
Nitrobenzene-d5 (Surr)	59		30 - 130	09/16/20 09:25	09/16/20 23:43	1
p-Terphenyl-d14 (Surr)	88		30 - 130	09/16/20 09:25	09/16/20 23:43	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.29	J B	1.2	0.21	mg/Kg	☆	09/13/20 08:32	09/17/20 06:57	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	57		50 - 142	09/13/20 08:32	09/17/20 06:57	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		14	5.8	mg/Kg	☆	09/15/20 09:00	09/16/20 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	85		42 - 143	09/15/20 09:00	09/16/20 14:33	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.2	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1221 (1C)	ND		20	5.4	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1232 (1C)	ND		20	9.3	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1242 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1248 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1254 (1C)	ND		20	3.9	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1
PCB-1260 (1C)	ND		20	5.7	ug/Kg	☆	09/17/20 09:30	09/18/20 17:50	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	101		30 - 150	09/17/20 09:30	09/18/20 17:50	1
DCB Decachlorobiphenyl (Surr) (2C)	97		30 - 150	09/17/20 09:30	09/18/20 17:50	1
Tetrachloro-m-xylene (1C)	93		30 - 150	09/17/20 09:30	09/18/20 17:50	1
Tetrachloro-m-xylene (2C)	99		30 - 150	09/17/20 09:30	09/18/20 17:50	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	12		11	11	mg/Kg	☆	09/16/20 15:49	09/21/20 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	105		40 - 140	09/16/20 15:49	09/21/20 15:38	1
o-terphenyl (Surr)	95		40 - 140	09/16/20 15:49	09/21/20 15:38	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C21-C40 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	44		40 - 140	09/16/20 15:57	09/18/20 22:32	1
2-Bromonaphthalene (Surr) (1C)	69		40 - 140	09/16/20 15:57	09/18/20 22:32	1
2-Fluorobiphenyl (Surr) (1C)	71		40 - 140	09/16/20 15:57	09/18/20 22:32	1
o-terphenyl (Surr) (1C)	58		40 - 140	09/16/20 15:57	09/18/20 22:32	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	71		0.53	0.16	mg/Kg	☆	09/14/20 05:20	09/17/20 16:59	1
Arsenic	6.6		3.2	1.3	mg/Kg	☆	09/14/20 05:20	09/21/20 05:45	1
Cadmium	ND		0.53	0.11	mg/Kg	☆	09/14/20 05:20	09/17/20 16:59	1
Chromium	31		1.6	0.19	mg/Kg	☆	09/14/20 05:20	09/17/20 16:59	1
Lead	14		1.6	0.63	mg/Kg	☆	09/14/20 05:20	09/21/20 05:45	1
Selenium	2.2 J		5.3	1.6	mg/Kg	☆	09/14/20 05:20	09/17/20 16:59	1
Silver	ND		1.1	0.42	mg/Kg	☆	09/14/20 05:20	09/17/20 16:59	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.56		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 17:02	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:59	1
Cadmium	0.0014 J		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 17:02	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 17:02	1
Lead	0.017		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 17:02	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:59	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 17:02	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063	J	0.069	0.029	mg/Kg	☆	09/14/20 05:43	09/14/20 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>184		50.0	50.0	Degrees F			09/30/20 07:57	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/30/20 12:45	10/01/20 21:14	1
Sulfide, Reactive	ND		150	52	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	15.5		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	84.5		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.8		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.40	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Styrene	ND		5.0	0.40	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Toluene	ND		5.0	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Chlorobenzene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Cyclohexane	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Xylenes, Total	ND		10	1.4	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
2-Hexanone	ND		10	1.0	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Acetone	350		20	6.0	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Chloroform	ND		5.0	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
Benzene	ND		5.0	0.50	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☆	09/11/20 14:48	09/15/20 14:38	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.0	0.70	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Chloromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Bromochloromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Methylene Chloride	ND		5.0	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Carbon disulfide	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Bromoform	ND		10	5.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Freon 113	ND		10	0.60	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
2-Butanone	19		10	2.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Methyl acetate	11		5.0	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
o-Xylene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1
m&p-Xylene	ND		5.0	1.0	ug/Kg	☼	09/11/20 14:48	09/15/20 14:38	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	30	T J	ug/Kg	☼	4.22		09/11/20 14:48	09/15/20 14:38	1
Cyclotrisiloxane, hexamethyl-	5.5	T J N	ug/Kg	☼	10.12	541-05-9	09/11/20 14:48	09/15/20 14:38	1
Hexanal	19	T J N	ug/Kg	☼	10.51	66-25-1	09/11/20 14:48	09/15/20 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130	09/11/20 14:48	09/15/20 14:38	1
4-Bromofluorobenzene (Surr)	90		70 - 130	09/11/20 14:48	09/15/20 14:38	1
Dibromofluoromethane (Surr)	99		70 - 130	09/11/20 14:48	09/15/20 14:38	1
Toluene-d8 (Surr)	104		70 - 130	09/11/20 14:48	09/15/20 14:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	16	J	19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Acenaphthylene	53		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Anthracene	48		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Benzo[a]anthracene	97		19	7.5	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Benzo[a]pyrene	130		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Benzo[b]fluoranthene	180		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Benzo[g,h,i]perylene	100		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Benzo[k]fluoranthene	54		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Chrysene	140		19	3.8	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1
Dibenz[a,h]anthracene	26		19	7.5	ug/Kg	☼	09/16/20 09:25	09/17/20 00:06	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	230		19	3.8	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1
Fluorene	24		19	3.8	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1
Indeno[1,2,3-cd]pyrene	87		19	3.8	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1
Naphthalene	18 J		19	7.5	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1
Phenanthrene	160		19	3.8	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1
Pyrene	210		19	3.8	ug/Kg	☆	09/16/20 09:25	09/17/20 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		30 - 130	09/16/20 09:25	09/17/20 00:06	1
Nitrobenzene-d5 (Surr)	58		30 - 130	09/16/20 09:25	09/17/20 00:06	1
p-Terphenyl-d14 (Surr)	73		30 - 130	09/16/20 09:25	09/17/20 00:06	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.33	J B	1.0	0.18	mg/Kg	☆	09/13/20 08:32	09/17/20 06:14	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	100		50 - 142	09/13/20 08:32	09/17/20 06:14	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	29		14	5.7	mg/Kg	☆	09/15/20 09:00	09/16/20 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	100		42 - 143	09/15/20 09:00	09/16/20 16:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		19	4.1	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1221 (1C)	ND		19	5.2	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1232 (1C)	ND		19	9.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1242 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1248 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1254 (1C)	ND		19	3.7	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1
PCB-1260 (1C)	ND		19	5.5	ug/Kg	☆	09/17/20 09:30	09/18/20 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	86		30 - 150	09/17/20 09:30	09/18/20 18:02	1
DCB Decachlorobiphenyl (Surr) (2C)	88		30 - 150	09/17/20 09:30	09/18/20 18:02	1
Tetrachloro-m-xylene (1C)	81		30 - 150	09/17/20 09:30	09/18/20 18:02	1
Tetrachloro-m-xylene (2C)	82		30 - 150	09/17/20 09:30	09/18/20 18:02	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	31		11	11	mg/Kg	☆	09/22/20 16:24	09/23/20 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	75		40 - 140	09/22/20 16:24	09/23/20 13:04	1
o-terphenyl (Surr)	70		40 - 140	09/22/20 16:24	09/23/20 13:04	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C12-C16 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C16-C21 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C16-C21 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C21-C36 Aromatic (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C21-C40 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C10-C12 Aromatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
C9-C12 Aliphatics (1C)	ND		11	3.4	mg/Kg	☆	09/16/20 15:57	09/18/20 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	23	X	40 - 140				09/16/20 15:57	09/18/20 23:12	1
2-Bromonaphthalene (Surr) (1C)	75		40 - 140				09/16/20 15:57	09/18/20 23:12	1
2-Fluorobiphenyl (Surr) (1C)	79		40 - 140				09/16/20 15:57	09/18/20 23:12	1
o- terphenyl (Surr) (1C)	33	X	40 - 140				09/16/20 15:57	09/18/20 23:12	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100		0.40	0.12	mg/Kg	☆	09/14/20 05:20	09/17/20 17:12	1
Arsenic	6.5		2.4	0.97	mg/Kg	☆	09/14/20 05:20	09/21/20 05:59	1
Cadmium	ND		0.40	0.081	mg/Kg	☆	09/14/20 05:20	09/17/20 17:12	1
Chromium	24		1.2	0.15	mg/Kg	☆	09/14/20 05:20	09/17/20 17:12	1
Lead	24		1.2	0.49	mg/Kg	☆	09/14/20 05:20	09/21/20 05:59	1
Selenium	2.1	J	4.0	1.2	mg/Kg	☆	09/14/20 05:20	09/17/20 17:12	1
Silver	ND		0.81	0.32	mg/Kg	☆	09/14/20 05:20	09/17/20 17:12	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.38		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:53	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:56	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:53	1
Chromium	0.0017	J	0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:53	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:53	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:56	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:53	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.066	0.028	mg/Kg	☆	09/14/20 05:43	09/14/20 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176		50.0	50.0	Degrees F			09/30/20 08:18	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/30/20 12:45	10/01/20 21:15	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	12.3		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	87.7		1.0	1.0	%			09/11/20 12:33	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.7		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Styrene	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
cis-1,3-Dichloropropene	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
trans-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,4-Dichlorobenzene	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,2-Dibromoethane	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,2-Dichloroethane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
4-Methyl-2-pentanone	ND		9.7	0.97	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Methylcyclohexane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Toluene	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Chlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Cyclohexane	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,2,4-Trichlorobenzene	ND		9.7	4.8	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Xylenes, Total	ND		9.7	1.4	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
trans-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Methyl tertiary butyl ether	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Carbon tetrachloride	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
2-Hexanone	ND		9.7	0.97	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Acetone	110		19	5.8	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Chloroform	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Benzene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,1,1-Trichloroethane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Bromomethane	ND		4.8	0.68	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Chloromethane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Bromochloromethane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Chloroethane	ND		4.8	0.97	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Carbon disulfide	1.3	J	4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Bromoform	ND		9.7	4.8	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Bromodichloromethane	ND		4.8	0.39	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Trichlorofluoromethane	ND		4.8	0.68	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Dichlorodifluoromethane	ND		4.8	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
Freon 113	ND		9.7	0.58	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1
1,2-Dichloropropane	ND		4.8	0.48	ug/Kg	✱	09/11/20 14:48	09/15/20 15:01	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	9.6	J	9.7	1.9	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
1,1,2-Trichloroethane	ND		4.8	0.48	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
Trichloroethene	ND		4.8	0.48	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
Methyl acetate	1.5	J	4.8	0.97	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.39	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
1,2,3-Trichlorobenzene	ND		9.7	4.8	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
o-Xylene	ND		4.8	0.39	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.48	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
Isopropylbenzene	ND		4.8	0.39	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1
m&p-Xylene	ND		4.8	0.97	ug/Kg	☆	09/11/20 14:48	09/15/20 15:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexanal	22	T J N	ug/Kg	☆	10.51	66-25-1	09/11/20 14:48	09/15/20 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/11/20 14:48	09/15/20 15:01	1
4-Bromofluorobenzene (Surr)	95		70 - 130	09/11/20 14:48	09/15/20 15:01	1
Dibromofluoromethane (Surr)	101		70 - 130	09/11/20 14:48	09/15/20 15:01	1
Toluene-d8 (Surr)	102		70 - 130	09/11/20 14:48	09/15/20 15:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Acenaphthylene	8.0	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Anthracene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Benzo[a]anthracene	ND		20	8.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Benzo[a]pyrene	5.9	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Benzo[b]fluoranthene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Benzo[g,h,i]perylene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Benzo[k]fluoranthene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Chrysene	5.0	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Dibenz(a,h)anthracene	ND		20	8.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Fluoranthene	4.7	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Fluorene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Indeno[1,2,3-cd]pyrene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Naphthalene	ND		20	8.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Phenanthrene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1
Pyrene	4.5	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		30 - 130	09/16/20 09:25	09/17/20 00:30	1
Nitrobenzene-d5 (Surr)	61		30 - 130	09/16/20 09:25	09/17/20 00:30	1
p-Terphenyl-d14 (Surr)	79		30 - 130	09/16/20 09:25	09/17/20 00:30	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.55	J B	1.3	0.23	mg/Kg	☆	09/13/20 08:32	09/17/20 05:38	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	68		50 - 142	09/13/20 08:32	09/17/20 05:38	25

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		15	6.0	mg/Kg	☆	09/15/20 09:00	09/16/20 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -terphenyl (Surr)	70		42 - 143				09/15/20 09:00	09/16/20 14:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.4	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1221 (1C)	ND		21	5.6	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1232 (1C)	ND		21	9.7	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1242 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1248 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1254 (1C)	ND		21	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
PCB-1260 (1C)	ND		21	6.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	95		30 - 150				09/17/20 09:30	09/18/20 18:13	1
DCB Decachlorobiphenyl (Surr) (2C)	96		30 - 150				09/17/20 09:30	09/18/20 18:13	1
Tetrachloro- <i>m</i> -xylene (1C)	79		30 - 150				09/17/20 09:30	09/18/20 18:13	1
Tetrachloro- <i>m</i> -xylene (2C)	86		30 - 150				09/17/20 09:30	09/18/20 18:13	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	☆	09/16/20 15:49	09/17/20 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	80		40 - 140				09/16/20 15:49	09/17/20 17:30	1
<i>o</i> -terphenyl (Surr)	74		40 - 140				09/16/20 15:49	09/17/20 17:30	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C12-C16 Aromatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C16-C21 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C16-C21 Aromatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C21-C36 Aromatic (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C21-C40 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C10-C12 Aromatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
C9-C12 Aliphatics (1C)	ND		12	3.5	mg/Kg	☆	09/16/20 15:57	09/18/20 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	41		40 - 140				09/16/20 15:57	09/18/20 23:53	1
2-Bromonaphthalene (Surr) (1C)	78		40 - 140				09/16/20 15:57	09/18/20 23:53	1
2-Fluorobiphenyl (Surr) (1C)	80		40 - 140				09/16/20 15:57	09/18/20 23:53	1
<i>o</i> -terphenyl (Surr) (1C)	63		40 - 140				09/16/20 15:57	09/18/20 23:53	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	82		0.53	0.16	mg/Kg	☆	09/14/20 05:00	09/14/20 23:33	1
Arsenic	21		3.2	1.3	mg/Kg	☆	09/14/20 05:00	09/17/20 16:22	1
Cadmium	0.54		0.53	0.11	mg/Kg	☆	09/14/20 05:00	09/14/20 23:33	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	48		1.6	0.19	mg/Kg	☼	09/14/20 05:00	09/14/20 23:33	1
Lead	21		1.6	0.64	mg/Kg	☼	09/14/20 05:00	09/17/20 16:22	1
Selenium	ND		5.3	1.6	mg/Kg	☼	09/14/20 05:00	09/17/20 16:22	1
Silver	0.97	J	1.1	0.43	mg/Kg	☼	09/14/20 05:00	09/14/20 23:33	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.74		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:49	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:52	1
Cadmium	0.0012	J	0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:49	1
Chromium	0.0024	J	0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:49	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:49	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:52	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.071	0.030	mg/Kg	☼	09/14/20 05:43	09/14/20 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>179		50.0	50.0	Degrees F			09/30/20 08:18	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/30/20 12:45	10/01/20 21:16	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	18.0		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	82.0		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.9		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Styrene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
cis-1,3-Dichloropropene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
trans-1,3-Dichloropropene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,4-Dichlorobenzene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2-Dibromoethane	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2-Dichloroethane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
4-Methyl-2-pentanone	ND		9.4	0.94	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Methylcyclohexane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Chlorobenzene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Cyclohexane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2,4-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Dibromochloromethane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Tetrachloroethene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Xylenes, Total	ND		9.4	1.3	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
cis-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
trans-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Methyl tertiary butyl ether	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,3-Dichlorobenzene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Carbon tetrachloride	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
2-Hexanone	ND		9.4	0.94	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Acetone	280		19	5.6	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Chloroform	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Benzene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,1,1-Trichloroethane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Bromomethane	ND		4.7	0.65	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Chloromethane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Bromochloromethane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Chloroethane	ND		4.7	0.94	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Vinyl chloride	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Methylene Chloride	ND		4.7	1.9	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Carbon disulfide	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Bromoform	ND		9.4	4.7	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Bromodichloromethane	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,1-Dichloroethane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,1-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Trichlorofluoromethane	ND		4.7	0.65	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Dichlorodifluoromethane	ND		4.7	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Freon 113	ND		9.4	0.56	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2-Dichloropropane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
2-Butanone	12		9.4	1.9	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,1,2-Trichloroethane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Trichloroethene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Methyl acetate	3.6 J		4.7	0.94	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2,3-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
o-Xylene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2-Dichlorobenzene	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
1,2-Dibromo-3-Chloropropane	ND		4.7	0.47	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
Isopropylbenzene	ND		4.7	0.37	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1
m&p-Xylene	ND		4.7	0.94	ug/Kg	☼	09/11/20 14:48	09/15/20 15:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/11/20 14:48	09/15/20 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130	09/11/20 14:48	09/15/20 15:25	1
4-Bromofluorobenzene (Surr)	93		70 - 130	09/11/20 14:48	09/15/20 15:25	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		70 - 130	09/11/20 14:48	09/15/20 15:25	1
Toluene-d8 (Surr)	103		70 - 130	09/11/20 14:48	09/15/20 15:25	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Acenaphthylene	10	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Anthracene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Benzo[a]anthracene	ND		20	8.1	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Benzo[a]pyrene	4.9	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Benzo[b]fluoranthene	8.4	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Benzo[g,h,i]perylene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Benzo[k]fluoranthene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Chrysene	7.5	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Dibenz(a,h)anthracene	ND		20	8.1	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Fluoranthene	7.4	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Fluorene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Indeno[1,2,3-cd]pyrene	ND		20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Naphthalene	ND		20	8.1	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Phenanthrene	5.3	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1
Pyrene	9.2	J	20	4.0	ug/Kg	☆	09/16/20 09:25	09/17/20 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		30 - 130	09/16/20 09:25	09/17/20 00:53	1
Nitrobenzene-d5 (Surr)	59		30 - 130	09/16/20 09:25	09/17/20 00:53	1
p-Terphenyl-d14 (Surr)	79		30 - 130	09/16/20 09:25	09/17/20 00:53	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.47	J B	1.2	0.21	mg/Kg	☆	09/13/20 08:32	09/17/20 05:02	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	64		50 - 142	09/13/20 08:32	09/17/20 05:02	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND	F1	15	6.1	mg/Kg	☆	09/16/20 16:07	09/17/20 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	72		42 - 143	09/16/20 16:07	09/17/20 23:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	4.3	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1221 (1C)	ND		20	5.5	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1232 (1C)	ND		20	9.6	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1242 (1C)	ND		20	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1248 (1C)	ND		20	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1254 (1C)	ND		20	4.0	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1
PCB-1260 (1C)	ND		20	5.9	ug/Kg	☆	09/17/20 09:30	09/18/20 18:25	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	105		30 - 150	09/17/20 09:30	09/18/20 18:25	1
DCB Decachlorobiphenyl (Surr) (2C)	104		30 - 150	09/17/20 09:30	09/18/20 18:25	1
Tetrachloro-m-xylene (1C)	96		30 - 150	09/17/20 09:30	09/18/20 18:25	1
Tetrachloro-m-xylene (2C)	105		30 - 150	09/17/20 09:30	09/18/20 18:25	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		12	12	mg/Kg	☆	09/16/20 15:49	09/17/20 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	77		40 - 140	09/16/20 15:49	09/17/20 17:55	1
o-terphenyl (Surr)	71		40 - 140	09/16/20 15:49	09/17/20 17:55	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C12-C16 Aromatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C16-C21 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C16-C21 Aromatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C21-C36 Aromatic (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C21-C40 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C10-C12 Aromatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1
C9-C12 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	40		40 - 140	09/16/20 15:57	09/19/20 00:33	1
2-Bromonaphthalene (Surr) (1C)	67		40 - 140	09/16/20 15:57	09/19/20 00:33	1
2-Fluorobiphenyl (Surr) (1C)	69		40 - 140	09/16/20 15:57	09/19/20 00:33	1
o-terphenyl (Surr) (1C)	51		40 - 140	09/16/20 15:57	09/19/20 00:33	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	120		0.45	0.13	mg/Kg	☆	09/14/20 05:00	09/14/20 23:16	1
Arsenic	6.3		2.7	1.1	mg/Kg	☆	09/14/20 05:00	09/17/20 16:04	1
Cadmium	0.35	J	0.45	0.089	mg/Kg	☆	09/14/20 05:00	09/14/20 23:16	1
Chromium	32		1.3	0.16	mg/Kg	☆	09/14/20 05:00	09/14/20 23:16	1
Lead	15		1.3	0.54	mg/Kg	☆	09/14/20 05:00	09/17/20 16:04	1
Selenium	ND		4.5	1.3	mg/Kg	☆	09/14/20 05:00	09/17/20 16:04	1
Silver	0.52	J	0.89	0.36	mg/Kg	☆	09/14/20 05:00	09/14/20 23:16	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.46		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:39	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:42	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:39	1
Chromium	0.0018	J	0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:39	1
Lead	0.036		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:39	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:42	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:39	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063	J	0.070	0.029	mg/Kg	☆	09/14/20 05:43	09/14/20 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>172		50.0	50.0	Degrees F			09/30/20 08:18	1
Cyanide, Reactive	ND		59	20	mg/Kg		09/30/20 12:45	10/01/20 21:18	1
Sulfide, Reactive	ND		160	53	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	18.2		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	81.8		1.0	1.0	%			09/11/20 12:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.7		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.9	0.47	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Styrene	ND		5.9	0.47	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
cis-1,3-Dichloropropene	ND		5.9	0.47	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
trans-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,4-Dichlorobenzene	ND		5.9	0.47	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,2-Dibromoethane	ND		5.9	0.47	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,2-Dichloroethane	ND		5.9	0.70	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
4-Methyl-2-pentanone	ND		12	1.2	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Methylcyclohexane	ND		5.9	0.70	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Toluene	ND		5.9	0.70	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Chlorobenzene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Cyclohexane	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,2,4-Trichlorobenzene	ND		12	5.9	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Dibromochloromethane	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Xylenes, Total	ND		12	1.6	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
trans-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Methyl tertiary butyl ether	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,3-Dichlorobenzene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Carbon tetrachloride	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
2-Hexanone	ND		12	1.2	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Acetone	330		23	7.0	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Chloroform	ND		5.9	0.70	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
Benzene	ND		5.9	0.59	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1
1,1,1-Trichloroethane	ND		5.9	0.70	ug/Kg	☆	09/11/20 14:48	09/15/20 15:48	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.9	0.82	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Chloromethane	ND		5.9	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Bromochloromethane	ND		5.9	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Chloroethane	ND		5.9	1.2	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Vinyl chloride	ND		5.9	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Methylene Chloride	ND		5.9	2.3	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Carbon disulfide	ND		5.9	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Bromoform	ND		12	5.9	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Bromodichloromethane	ND		5.9	0.47	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Trichlorofluoromethane	ND		5.9	0.82	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Dichlorodifluoromethane	ND		5.9	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Freon 113	ND		12	0.70	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,2-Dichloropropane	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
2-Butanone	18		12	2.3	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,1,2-Trichloroethane	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Trichloroethene	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Methyl acetate	6.1		5.9	1.2	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.47	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,2,3-Trichlorobenzene	ND		12	5.9	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
o-Xylene	ND		5.9	0.47	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,2-Dichlorobenzene	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
1,2-Dibromo-3-Chloropropane	ND		5.9	0.59	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
Isopropylbenzene	ND		5.9	0.47	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1
m&p-Xylene	ND		5.9	1.2	ug/Kg	✱	09/11/20 14:48	09/15/20 15:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8.3	T J	ug/Kg	✱	4.22		09/11/20 14:48	09/15/20 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130	09/11/20 14:48	09/15/20 15:48	1
4-Bromofluorobenzene (Surr)	89		70 - 130	09/11/20 14:48	09/15/20 15:48	1
Dibromofluoromethane (Surr)	101		70 - 130	09/11/20 14:48	09/15/20 15:48	1
Toluene-d8 (Surr)	102		70 - 130	09/11/20 14:48	09/15/20 15:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Acenaphthylene	9.0	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Anthracene	5.7	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Benzo[a]anthracene	16	J	21	8.4	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Benzo[a]pyrene	18	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Benzo[b]fluoranthene	25		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Benzo[g,h,i]perylene	11	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Benzo[k]fluoranthene	8.9	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Chrysene	22		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Dibenz(a,h)anthracene	ND		21	8.4	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Fluoranthene	33		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Fluorene	ND		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	10	J	21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Naphthalene	8.5	J	21	8.4	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Phenanthrene	22		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Pyrene	31		21	4.2	ug/Kg	✱	09/16/20 09:25	09/17/20 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	96		30 - 130				09/16/20 09:25	09/17/20 01:16	1
Nitrobenzene-d5 (Surr)	79		30 - 130				09/16/20 09:25	09/17/20 01:16	1
p-Terphenyl-d14 (Surr)	103		30 - 130				09/16/20 09:25	09/17/20 01:16	1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.69	J B	1.3	0.23	mg/Kg	✱	09/13/20 08:32	09/17/20 04:26	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	83		50 - 142				09/13/20 08:32	09/17/20 04:26	25

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		15	6.3	mg/Kg	✱	09/16/20 16:07	09/18/20 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-terphenyl (Surr)	55		42 - 143				09/16/20 16:07	09/18/20 00:04	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		21	4.5	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1221 (1C)	ND		21	5.8	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1232 (1C)	ND		21	10	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1242 (1C)	ND		21	4.2	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1248 (1C)	ND		21	4.2	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1254 (1C)	ND		21	4.2	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
PCB-1260 (1C)	ND		21	6.2	ug/Kg	✱	09/17/20 09:30	09/18/20 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	96		30 - 150				09/17/20 09:30	09/18/20 18:37	1
DCB Decachlorobiphenyl (Surr) (2C)	95		30 - 150				09/17/20 09:30	09/18/20 18:37	1
Tetrachloro-m-xylene (1C)	86		30 - 150				09/17/20 09:30	09/18/20 18:37	1
Tetrachloro-m-xylene (2C)	90		30 - 150				09/17/20 09:30	09/18/20 18:37	1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	16		13	13	mg/Kg	✱	09/22/20 16:24	09/23/20 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	59		40 - 140				09/22/20 16:24	09/23/20 14:19	1
o-terphenyl (Surr)	57		40 - 140				09/22/20 16:24	09/23/20 14:19	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		12	3.7	mg/Kg	✱	09/16/20 15:57	09/19/20 01:13	1
C12-C16 Aromatics (1C)	ND		12	3.7	mg/Kg	✱	09/16/20 15:57	09/19/20 01:13	1

Euofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C16-C21 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1
C16-C21 Aromatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1
C21-C36 Aromatic (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1
C21-C40 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1
C10-C12 Aromatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1
C9-C12 Aliphatics (1C)	ND		12	3.7	mg/Kg	☆	09/16/20 15:57	09/19/20 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	34	X	40 - 140	09/16/20 15:57	09/19/20 01:13	1
2-Bromonaphthalene (Surr) (1C)	74		40 - 140	09/16/20 15:57	09/19/20 01:13	1
2-Fluorobiphenyl (Surr) (1C)	75		40 - 140	09/16/20 15:57	09/19/20 01:13	1
o-terphenyl (Surr) (1C)	57		40 - 140	09/16/20 15:57	09/19/20 01:13	1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		0.58	0.17	mg/Kg	☆	09/14/20 05:20	09/17/20 17:15	1
Arsenic	8.7		3.5	1.4	mg/Kg	☆	09/14/20 05:20	09/21/20 06:02	1
Cadmium	ND		0.58	0.12	mg/Kg	☆	09/14/20 05:20	09/17/20 17:15	1
Chromium	35		1.7	0.21	mg/Kg	☆	09/14/20 05:20	09/17/20 17:15	1
Lead	24		1.7	0.69	mg/Kg	☆	09/14/20 05:20	09/21/20 06:02	1
Selenium	2.3	J	5.8	1.7	mg/Kg	☆	09/14/20 05:20	09/17/20 17:15	1
Silver	ND		1.2	0.46	mg/Kg	☆	09/14/20 05:20	09/17/20 17:15	1

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.48		0.0050	0.0010	mg/L		09/18/20 05:58	09/22/20 06:38	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 06:38	1
Cadmium	0.91		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 16:36	1
Chromium	4.4		0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 16:36	1
Lead	10		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 16:36	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 06:38	1
Silver	0.51		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 16:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.072	0.030	mg/Kg	☆	09/14/20 05:43	09/14/20 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>181		50.0	50.0	Degrees F			09/30/20 08:18	1
Cyanide, Reactive	ND		58	19	mg/Kg		09/30/20 12:45	10/01/20 21:19	1
Sulfide, Reactive	ND		160	52	mg/Kg		09/30/20 12:45	09/30/20 14:33	1
Percent Moisture	21.8		1.0	1.0	%			09/11/20 12:33	1
Percent Solids	78.2		1.0	1.0	%			09/11/20 12:33	1

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.5		0.01	0.01	S.U.			09/17/20 13:25	1
Corrosivity	NO		0.01	0.01	NONE			09/17/20 13:25	1

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-130)	BFB (70-130)	DBFM (70-130)	TOL (70-130)
410-13618-1	ARFF-1A	108	93	100	102
410-13618-2	ARFF-1B	110	87	100	107
410-13618-3	ARFF-2A	107	96	97	105
410-13618-4	ARFF-2B	106	89	98	106
410-13618-5	ARFF-3A	108	86	99	110
410-13618-6	ARFF-3B	105	72	100	121
410-13618-7	ARFF-4A	108	89	99	105
410-13618-8	ARFF-4B	113	94	101	101
410-13618-9	ARFF-5A	107	90	99	104
410-13618-10	ARFF-5B	110	95	101	102
410-13618-11	ARFF-6A	104	93	100	103
410-13618-12	ARFF-6B	110	89	101	102
LCS 410-43865/4	Lab Control Sample	104	98	97	107
LCS 410-44364/4	Lab Control Sample	104	99	97	105
LCSD 410-43865/5	Lab Control Sample Dup	101	98	96	107
LCSD 410-44364/5	Lab Control Sample Dup	103	97	98	104
MB 410-43865/7	Method Blank	104	94	99	104
MB 410-44364/7	Method Blank	107	94	101	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-130)	NBZ (30-130)	TPHd14 (30-130)
410-13618-1	ARFF-1A	68	57	65
410-13618-1 MS	ARFF-1A	40	36	40
410-13618-1 MSD	ARFF-1A	22 X	21 X	26 X
410-13618-2	ARFF-1B	65	53	66
410-13618-2 - DL	ARFF-1B	63	53	65
410-13618-3	ARFF-2A	72	60	77
410-13618-4	ARFF-2B	81	66	86
410-13618-5	ARFF-3A	72	60	76
410-13618-6	ARFF-3B	68	53	78
410-13618-7	ARFF-4A	60	51	61
410-13618-8	ARFF-4B	75	59	88
410-13618-9	ARFF-5A	71	58	73
410-13618-10	ARFF-5B	74	61	79
410-13618-11	ARFF-6A	72	59	79
410-13618-12	ARFF-6B	96	79	103
LCS 410-44300/2-A	Lab Control Sample	77	60	83
MB 410-44300/1-A	Method Blank	69	54	77

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

Eurofins Lancaster Laboratories Env, LLC

Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-13618-1

Project/Site: TTN Site NJ

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TFT-F1 (50-142)
410-13618-1	ARFF-1A	96
410-13618-2	ARFF-1B	73
410-13618-3	ARFF-2A	69
410-13618-4	ARFF-2B	96
410-13618-5	ARFF-3A	108
410-13618-6	ARFF-3B	97
410-13618-7	ARFF-4A	90
410-13618-8	ARFF-4B	57
410-13618-9	ARFF-5A	100
410-13618-10	ARFF-5B	68
410-13618-11	ARFF-6A	64
410-13618-12	ARFF-6B	83
LCS 410-44176/5	Lab Control Sample	98
LCSD 410-44176/6	Lab Control Sample Dup	98
MB 410-44176/4	Method Blank	86

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTP (42-143)
410-13618-1	ARFF-1A	121
410-13618-2	ARFF-1B	107
410-13618-3	ARFF-2A	86
410-13618-4	ARFF-2B	81
410-13618-5	ARFF-3A	102
410-13618-6	ARFF-3B	82
410-13618-7	ARFF-4A	96
410-13618-8	ARFF-4B	85
410-13618-9	ARFF-5A	100
410-13618-10	ARFF-5B	70
410-13618-11	ARFF-6A	72
410-13618-11 DU	ARFF-6A	78
410-13618-11 MS	ARFF-6A	82
410-13618-12	ARFF-6B	55
LCS 410-43832/2-A	Lab Control Sample	117
LCS 410-44582/2-A	Lab Control Sample	113
MB 410-43832/1-A	Method Blank	105
MB 410-44582/1-A	Method Blank	106

Surrogate Legend

OTP = o- terphenyl (Surr)

Surrogate Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
410-13618-1	ARFF-1A	83	109	65	58
410-13618-1 MS	ARFF-1A	81 p	130	58	55
410-13618-1 MSD	ARFF-1A	71 p	130	55	50
410-13618-2	ARFF-1B	67	90	53	46
410-13618-3	ARFF-2A	92	107	79	87
410-13618-4	ARFF-2B	106	116	85	96
410-13618-5	ARFF-3A	105	136	81	88
410-13618-6	ARFF-3B	100	96	86	92
410-13618-7	ARFF-4A	92	94	86	93
410-13618-8	ARFF-4B	101	97	93	99
410-13618-9	ARFF-5A	86	88	81	82
410-13618-10	ARFF-5B	95	96	79	86
410-13618-11	ARFF-6A	105	104	96	105
410-13618-12	ARFF-6B	96	95	86	90
LCS 410-44790/2-A	Lab Control Sample	122	141	94	109
MB 410-44790/1-A	Method Blank	128	145	95	112

Surrogate Legend
DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1COD (40-140)	OTP (40-140)
410-13618-1	ARFF-1A	52	104
410-13618-2	ARFF-1B	58	98
410-13618-3	ARFF-2A	90	83
410-13618-4	ARFF-2B	98	89
410-13618-4 MS	ARFF-2B	87	94
410-13618-4 MSD	ARFF-2B	88	99
410-13618-5	ARFF-3A	97	93
410-13618-6	ARFF-3B	93	88
410-13618-7	ARFF-4A	105	98
410-13618-8	ARFF-4B	105	95
410-13618-9	ARFF-5A	75	70
410-13618-9 MS	ARFF-5A	64	71
410-13618-9 MSD	ARFF-5A	73	83
410-13618-10	ARFF-5B	80	74
410-13618-11	ARFF-6A	77	71
410-13618-12	ARFF-6B	59	57
LCS 410-44573/2-A	Lab Control Sample	74	80
LCS 410-46547/2-A	Lab Control Sample	73	78
LCSD 410-44573/3-A	Lab Control Sample Dup	77	83
LCSD 410-46547/3-A	Lab Control Sample Dup	72	78
MB 410-44573/1-A	Method Blank	90	81
MB 410-46547/1-A	Method Blank	87	80

Surrogate Legend

Surrogate Summary

Client: Urban Engineers, Inc.

Job ID: 410-13618-1

Project/Site: TTN Site NJ

1COD = 1-Chlorooctadecane (Surr)

OTP = o- terphenyl (Surr)

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2BN1 (40-140)	FBP1 (40-140)	OTP1 (40-140)
410-13618-1	ARFF-1A	79	82	165 X
410-13618-2	ARFF-1B	70	72	156 X
410-13618-3	ARFF-2A	80	84	62
410-13618-4	ARFF-2B	56	57	47
410-13618-4 MS	ARFF-2B	84	87	70
410-13618-4 MSD	ARFF-2B	86	89	79
410-13618-5	ARFF-3A	78	81	68
410-13618-6	ARFF-3B	82	86	71
410-13618-7	ARFF-4A	81	84	72
410-13618-8	ARFF-4B	69	71	58
410-13618-9	ARFF-5A	75	79	33 X
410-13618-10	ARFF-5B	78	80	63
410-13618-11	ARFF-6A	67	69	51
410-13618-12	ARFF-6B	74	75	57
LCS 410-44575/2-C	Lab Control Sample	78	81	70
LCSD 410-44575/3-C	Lab Control Sample Dup	74	77	62
MB 410-44575/1-C	Method Blank	68	70	61

Surrogate Legend

2BN = 2-Bromonaphthalene (Surr)

FBP = 2-Fluorobiphenyl (Surr)

OTP = o- terphenyl (Surr)

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1COD1 (40-140)	
410-13618-1	ARFF-1A	47	
410-13618-2	ARFF-1B	46	
410-13618-3	ARFF-2A	44	
410-13618-4	ARFF-2B	48	
410-13618-4 MS	ARFF-2B	71	
410-13618-4 MSD	ARFF-2B	77	
410-13618-5	ARFF-3A	45	
410-13618-6	ARFF-3B	42	
410-13618-7	ARFF-4A	43	
410-13618-8	ARFF-4B	44	
410-13618-9	ARFF-5A	23 X	
410-13618-10	ARFF-5B	41	
410-13618-11	ARFF-6A	40	
410-13618-12	ARFF-6B	34 X	
LCS 410-44575/2-B	Lab Control Sample	80	
LCSD 410-44575/3-B	Lab Control Sample Dup	73	
MB 410-44575/1-B	Method Blank	48	

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-43865/7

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
Styrene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/15/20 10:02	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Toluene	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/15/20 10:02	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/15/20 10:02	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
2-Hexanone	ND		10	1.0	ug/Kg			09/15/20 10:02	1
Acetone	ND		20	6.0	ug/Kg			09/15/20 10:02	1
Chloroform	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Benzene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/15/20 10:02	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/15/20 10:02	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/15/20 10:02	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Bromoform	ND		10	5.0	ug/Kg			09/15/20 10:02	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/15/20 10:02	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/15/20 10:02	1
Freon 113	ND		10	0.60	ug/Kg			09/15/20 10:02	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
2-Butanone	ND		10	2.0	ug/Kg			09/15/20 10:02	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Trichloroethene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/15/20 10:02	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/15/20 10:02	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-43865/7

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/15/20 10:02	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/15/20 10:02	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/15/20 10:02	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/15/20 10:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		09/15/20 10:02	1
4-Bromofluorobenzene (Surr)	94		70 - 130		09/15/20 10:02	1
Dibromofluoromethane (Surr)	99		70 - 130		09/15/20 10:02	1
Toluene-d8 (Surr)	104		70 - 130		09/15/20 10:02	1

Lab Sample ID: LCS 410-43865/4

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	20.0	20.6		ug/Kg		103	70 - 130
Styrene	20.0	21.2		ug/Kg		106	70 - 130
cis-1,3-Dichloropropene	20.0	19.1		ug/Kg		96	70 - 130
trans-1,3-Dichloropropene	20.0	19.8		ug/Kg		99	70 - 130
1,4-Dichlorobenzene	20.0	21.0		ug/Kg		105	70 - 130
1,2-Dibromoethane	20.0	20.2		ug/Kg		101	70 - 130
1,2-Dichloroethane	20.0	20.6		ug/Kg		103	70 - 130
4-Methyl-2-pentanone	100	109		ug/Kg		109	60 - 140
Methylcyclohexane	20.0	18.7		ug/Kg		93	70 - 130
Toluene	20.0	21.6		ug/Kg		108	70 - 130
Chlorobenzene	20.0	20.9		ug/Kg		104	70 - 130
Cyclohexane	20.0	21.3		ug/Kg		107	70 - 130
1,2,4-Trichlorobenzene	20.0	17.7		ug/Kg		88	70 - 130
Dibromochloromethane	20.0	20.4		ug/Kg		102	70 - 130
Tetrachloroethene	20.0	19.5		ug/Kg		97	70 - 130
Xylenes, Total	60.0	64.1		ug/Kg		107	70 - 130
cis-1,2-Dichloroethene	20.0	20.3		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	20.0	20.7		ug/Kg		104	70 - 130
Methyl tertiary butyl ether	20.0	17.4		ug/Kg		87	70 - 130
1,3-Dichlorobenzene	20.0	20.6		ug/Kg		103	70 - 130
Carbon tetrachloride	20.0	19.0		ug/Kg		95	70 - 130
2-Hexanone	100	117		ug/Kg		117	60 - 140
Acetone	150	207		ug/Kg		138	60 - 140
Chloroform	20.0	20.7		ug/Kg		103	70 - 130
Benzene	20.0	21.4		ug/Kg		107	70 - 130
1,1,1-Trichloroethane	20.0	18.4		ug/Kg		92	70 - 130
Bromomethane	20.0	22.8		ug/Kg		114	60 - 140
Chloromethane	20.0	23.1		ug/Kg		116	60 - 140
Bromochloromethane	20.0	18.5		ug/Kg		93	70 - 130

Euofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-43865/4

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	20.0	23.8		ug/Kg		119	60 - 140
Vinyl chloride	20.0	23.8		ug/Kg		119	70 - 130
Methylene Chloride	20.0	22.1		ug/Kg		110	70 - 130
Carbon disulfide	20.0	22.9		ug/Kg		115	60 - 140
Bromoform	20.0	19.1		ug/Kg		96	70 - 130
Bromodichloromethane	20.0	20.0		ug/Kg		100	70 - 130
1,1-Dichloroethane	20.0	21.9		ug/Kg		109	70 - 130
1,1-Dichloroethene	20.0	21.6		ug/Kg		108	70 - 130
Trichlorofluoromethane	20.0	23.5		ug/Kg		118	60 - 140
Dichlorodifluoromethane	20.0	19.1		ug/Kg		95	60 - 140
Freon 113	20.0	19.1		ug/Kg		95	70 - 130
1,2-Dichloropropane	20.0	23.2		ug/Kg		116	70 - 130
2-Butanone	150	135		ug/Kg		90	60 - 140
1,1,2-Trichloroethane	20.0	22.5		ug/Kg		112	70 - 130
Trichloroethene	20.0	20.1		ug/Kg		101	70 - 130
Methyl acetate	20.0	20.8		ug/Kg		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/Kg		113	70 - 130
1,2,3-Trichlorobenzene	20.0	18.2		ug/Kg		91	70 - 130
o-Xylene	20.0	20.9		ug/Kg		105	70 - 130
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		103	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.5		ug/Kg		98	60 - 140
Isopropylbenzene	20.0	20.6		ug/Kg		103	70 - 130
m&p-Xylene	40.0	43.2		ug/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Lab Sample ID: LCSD 410-43865/5

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	20.0	20.5		ug/Kg		102	70 - 130	1	30
Styrene	20.0	21.0		ug/Kg		105	70 - 130	1	30
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	70 - 130	1	30
trans-1,3-Dichloropropene	20.0	19.7		ug/Kg		99	70 - 130	0	30
1,4-Dichlorobenzene	20.0	21.1		ug/Kg		106	70 - 130	1	30
1,2-Dibromoethane	20.0	19.9		ug/Kg		99	70 - 130	2	30
1,2-Dichloroethane	20.0	20.1		ug/Kg		101	70 - 130	2	30
4-Methyl-2-pentanone	100	102		ug/Kg		102	60 - 140	7	30
Methylcyclohexane	20.0	18.6		ug/Kg		93	70 - 130	0	30
Toluene	20.0	21.6		ug/Kg		108	70 - 130	0	30
Chlorobenzene	20.0	20.9		ug/Kg		105	70 - 130	0	30
Cyclohexane	20.0	21.1		ug/Kg		105	70 - 130	1	30
1,2,4-Trichlorobenzene	20.0	17.7		ug/Kg		88	70 - 130	0	30

Eurofins Lancaster Laboratories Env, LLC

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-43865/5

Matrix: Solid

Analysis Batch: 43865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	20.0	20.4		ug/Kg		102	70 - 130	0	30
Tetrachloroethene	20.0	19.6		ug/Kg		98	70 - 130	0	30
Xylenes, Total	60.0	64.4		ug/Kg		107	70 - 130	0	30
cis-1,2-Dichloroethene	20.0	20.0		ug/Kg		100	70 - 130	2	30
trans-1,2-Dichloroethene	20.0	21.0		ug/Kg		105	70 - 130	1	30
Methyl tertiary butyl ether	20.0	17.3		ug/Kg		87	70 - 130	0	30
1,3-Dichlorobenzene	20.0	20.9		ug/Kg		104	70 - 130	2	30
Carbon tetrachloride	20.0	18.9		ug/Kg		95	70 - 130	1	30
2-Hexanone	100	110		ug/Kg		110	60 - 140	6	30
Acetone	150	208		ug/Kg		139	60 - 140	1	30
Chloroform	20.0	20.8		ug/Kg		104	70 - 130	1	30
Benzene	20.0	21.1		ug/Kg		106	70 - 130	1	30
1,1,1-Trichloroethane	20.0	18.1		ug/Kg		91	70 - 130	1	30
Bromomethane	20.0	22.9		ug/Kg		115	60 - 140	1	30
Chloromethane	20.0	23.3		ug/Kg		117	60 - 140	1	30
Bromochloromethane	20.0	18.3		ug/Kg		91	70 - 130	1	30
Chloroethane	20.0	24.0		ug/Kg		120	60 - 140	1	30
Vinyl chloride	20.0	23.6		ug/Kg		118	70 - 130	1	30
Methylene Chloride	20.0	22.5		ug/Kg		112	70 - 130	2	30
Carbon disulfide	20.0	23.4		ug/Kg		117	60 - 140	2	30
Bromoform	20.0	18.3		ug/Kg		92	70 - 130	4	30
Bromodichloromethane	20.0	19.8		ug/Kg		99	70 - 130	1	30
1,1-Dichloroethane	20.0	22.1		ug/Kg		110	70 - 130	1	30
1,1-Dichloroethene	20.0	21.5		ug/Kg		108	70 - 130	0	30
Trichlorofluoromethane	20.0	23.6		ug/Kg		118	60 - 140	1	30
Dichlorodifluoromethane	20.0	19.1		ug/Kg		96	60 - 140	0	30
Freon 113	20.0	19.3		ug/Kg		97	70 - 130	1	30
1,2-Dichloropropane	20.0	22.8		ug/Kg		114	70 - 130	1	30
2-Butanone	150	128		ug/Kg		86	60 - 140	5	30
1,1,2-Trichloroethane	20.0	21.8		ug/Kg		109	70 - 130	3	30
Trichloroethene	20.0	19.9		ug/Kg		99	70 - 130	1	30
Methyl acetate	20.0	19.3		ug/Kg		97	70 - 130	8	30
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/Kg		110	70 - 130	2	30
1,2,3-Trichlorobenzene	20.0	18.2		ug/Kg		91	70 - 130	0	30
o-Xylene	20.0	20.8		ug/Kg		104	70 - 130	1	30
1,2-Dichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/Kg		94	60 - 140	4	30
Isopropylbenzene	20.0	20.6		ug/Kg		103	70 - 130	0	30
m&p-Xylene	40.0	43.6		ug/Kg		109	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130
Toluene-d8 (Surr)	107		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-44364/7

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
Styrene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
cis-1,3-Dichloropropene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,4-Dichlorobenzene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
1,2-Dibromoethane	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
4-Methyl-2-pentanone	ND		10	1.0	ug/Kg			09/16/20 11:26	1
Methylcyclohexane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Toluene	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Chlorobenzene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Cyclohexane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			09/16/20 11:26	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Xylenes, Total	ND		10	1.4	ug/Kg			09/16/20 11:26	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Methyl tertiary butyl ether	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Carbon tetrachloride	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
2-Hexanone	ND		10	1.0	ug/Kg			09/16/20 11:26	1
Acetone	ND		20	6.0	ug/Kg			09/16/20 11:26	1
Chloroform	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Benzene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Bromomethane	ND		5.0	0.70	ug/Kg			09/16/20 11:26	1
Chloromethane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Bromochloromethane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Chloroethane	ND		5.0	1.0	ug/Kg			09/16/20 11:26	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			09/16/20 11:26	1
Carbon disulfide	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Bromoform	ND		10	5.0	ug/Kg			09/16/20 11:26	1
Bromodichloromethane	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Trichlorofluoromethane	ND		5.0	0.70	ug/Kg			09/16/20 11:26	1
Dichlorodifluoromethane	ND		5.0	0.60	ug/Kg			09/16/20 11:26	1
Freon 113	ND		10	0.60	ug/Kg			09/16/20 11:26	1
1,2-Dichloropropane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
2-Butanone	ND		10	2.0	ug/Kg			09/16/20 11:26	1
1,1,2-Trichloroethane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Trichloroethene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Methyl acetate	ND		5.0	1.0	ug/Kg			09/16/20 11:26	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			09/16/20 11:26	1
o-Xylene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-44364/7

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.50	ug/Kg			09/16/20 11:26	1
Isopropylbenzene	ND		5.0	0.40	ug/Kg			09/16/20 11:26	1
m&p-Xylene	ND		5.0	1.0	ug/Kg			09/16/20 11:26	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/16/20 11:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130		09/16/20 11:26	1
4-Bromofluorobenzene (Surr)	94		70 - 130		09/16/20 11:26	1
Dibromofluoromethane (Surr)	101		70 - 130		09/16/20 11:26	1
Toluene-d8 (Surr)	103		70 - 130		09/16/20 11:26	1

Lab Sample ID: LCS 410-44364/4

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	20.0	20.7		ug/Kg		103	70 - 130
Styrene	20.0	21.2		ug/Kg		106	70 - 130
cis-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	70 - 130
trans-1,3-Dichloropropene	20.0	19.9		ug/Kg		100	70 - 130
1,4-Dichlorobenzene	20.0	21.4		ug/Kg		107	70 - 130
1,2-Dibromoethane	20.0	19.7		ug/Kg		98	70 - 130
1,2-Dichloroethane	20.0	20.4		ug/Kg		102	70 - 130
4-Methyl-2-pentanone	100	96.9		ug/Kg		97	60 - 140
Methylcyclohexane	20.0	18.9		ug/Kg		94	70 - 130
Toluene	20.0	21.6		ug/Kg		108	70 - 130
Chlorobenzene	20.0	21.4		ug/Kg		107	70 - 130
Cyclohexane	20.0	21.1		ug/Kg		105	70 - 130
1,2,4-Trichlorobenzene	20.0	17.7		ug/Kg		88	70 - 130
Dibromochloromethane	20.0	20.2		ug/Kg		101	70 - 130
Tetrachloroethene	20.0	20.2		ug/Kg		101	70 - 130
Xylenes, Total	60.0	64.9		ug/Kg		108	70 - 130
cis-1,2-Dichloroethene	20.0	20.5		ug/Kg		102	70 - 130
trans-1,2-Dichloroethene	20.0	21.4		ug/Kg		107	70 - 130
Methyl tertiary butyl ether	20.0	17.5		ug/Kg		88	70 - 130
1,3-Dichlorobenzene	20.0	21.1		ug/Kg		106	70 - 130
Carbon tetrachloride	20.0	19.6		ug/Kg		98	70 - 130
2-Hexanone	100	101		ug/Kg		101	60 - 140
Acetone	150	209		ug/Kg		139	60 - 140
Chloroform	20.0	21.4		ug/Kg		107	70 - 130
Benzene	20.0	21.8		ug/Kg		109	70 - 130
1,1,1-Trichloroethane	20.0	19.1		ug/Kg		96	70 - 130
Bromomethane	20.0	23.3		ug/Kg		116	60 - 140
Chloromethane	20.0	24.3		ug/Kg		122	60 - 140
Bromochloromethane	20.0	19.2		ug/Kg		96	70 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-44364/4

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	20.0	24.8		ug/Kg		124	60 - 140
Vinyl chloride	20.0	24.4		ug/Kg		122	70 - 130
Methylene Chloride	20.0	22.5		ug/Kg		112	70 - 130
Carbon disulfide	20.0	23.7		ug/Kg		119	60 - 140
Bromoform	20.0	18.1		ug/Kg		91	70 - 130
Bromodichloromethane	20.0	20.3		ug/Kg		102	70 - 130
1,1-Dichloroethane	20.0	22.5		ug/Kg		112	70 - 130
1,1-Dichloroethene	20.0	22.2		ug/Kg		111	70 - 130
Trichlorofluoromethane	20.0	24.3		ug/Kg		121	60 - 140
Dichlorodifluoromethane	20.0	18.8		ug/Kg		94	60 - 140
Freon 113	20.0	19.5		ug/Kg		98	70 - 130
1,2-Dichloropropane	20.0	23.2		ug/Kg		116	70 - 130
2-Butanone	150	123		ug/Kg		82	60 - 140
1,1,2-Trichloroethane	20.0	21.9		ug/Kg		109	70 - 130
Trichloroethene	20.0	20.4		ug/Kg		102	70 - 130
Methyl acetate	20.0	18.5		ug/Kg		92	70 - 130
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/Kg		105	70 - 130
1,2,3-Trichlorobenzene	20.0	18.2		ug/Kg		91	70 - 130
o-Xylene	20.0	21.0		ug/Kg		105	70 - 130
1,2-Dichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	17.5		ug/Kg		88	60 - 140
Isopropylbenzene	20.0	20.7		ug/Kg		104	70 - 130
m&p-Xylene	40.0	43.9		ug/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 410-44364/5

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	20.0	20.5		ug/Kg		102	70 - 130	1	30
Styrene	20.0	21.1		ug/Kg		105	70 - 130	0	30
cis-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	70 - 130	0	30
trans-1,3-Dichloropropene	20.0	19.9		ug/Kg		100	70 - 130	0	30
1,4-Dichlorobenzene	20.0	21.2		ug/Kg		106	70 - 130	1	30
1,2-Dibromoethane	20.0	19.6		ug/Kg		98	70 - 130	0	30
1,2-Dichloroethane	20.0	20.2		ug/Kg		101	70 - 130	1	30
4-Methyl-2-pentanone	100	97.5		ug/Kg		98	60 - 140	1	30
Methylcyclohexane	20.0	19.1		ug/Kg		95	70 - 130	1	30
Toluene	20.0	21.6		ug/Kg		108	70 - 130	0	30
Chlorobenzene	20.0	21.1		ug/Kg		105	70 - 130	1	30
Cyclohexane	20.0	21.1		ug/Kg		105	70 - 130	0	30
1,2,4-Trichlorobenzene	20.0	16.8		ug/Kg		84	70 - 130	5	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-44364/5

Matrix: Solid

Analysis Batch: 44364

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	20.0	19.9		ug/Kg		100	70 - 130	1	30
Tetrachloroethene	20.0	19.9		ug/Kg		99	70 - 130	2	30
Xylenes, Total	60.0	64.5		ug/Kg		108	70 - 130	1	30
cis-1,2-Dichloroethene	20.0	20.7		ug/Kg		103	70 - 130	1	30
trans-1,2-Dichloroethene	20.0	21.5		ug/Kg		108	70 - 130	1	30
Methyl tertiary butyl ether	20.0	17.8		ug/Kg		89	70 - 130	1	30
1,3-Dichlorobenzene	20.0	21.0		ug/Kg		105	70 - 130	0	30
Carbon tetrachloride	20.0	19.6		ug/Kg		98	70 - 130	0	30
2-Hexanone	100	102		ug/Kg		102	60 - 140	1	30
Acetone	150	198		ug/Kg		132	60 - 140	5	30
Chloroform	20.0	21.2		ug/Kg		106	70 - 130	1	30
Benzene	20.0	21.7		ug/Kg		108	70 - 130	0	30
1,1,1-Trichloroethane	20.0	19.2		ug/Kg		96	70 - 130	1	30
Bromomethane	20.0	23.3		ug/Kg		117	60 - 140	0	30
Chloromethane	20.0	23.6		ug/Kg		118	60 - 140	3	30
Bromochloromethane	20.0	19.1		ug/Kg		96	70 - 130	0	30
Chloroethane	20.0	24.4		ug/Kg		122	60 - 140	2	30
Vinyl chloride	20.0	23.2		ug/Kg		116	70 - 130	5	30
Methylene Chloride	20.0	22.3		ug/Kg		112	70 - 130	1	30
Carbon disulfide	20.0	23.6		ug/Kg		118	60 - 140	0	30
Bromoform	20.0	17.9		ug/Kg		90	70 - 130	1	30
Bromodichloromethane	20.0	20.5		ug/Kg		103	70 - 130	1	30
1,1-Dichloroethane	20.0	22.4		ug/Kg		112	70 - 130	0	30
1,1-Dichloroethene	20.0	22.6		ug/Kg		113	70 - 130	2	30
Trichlorofluoromethane	20.0	24.2		ug/Kg		121	60 - 140	0	30
Dichlorodifluoromethane	20.0	17.0		ug/Kg		85	60 - 140	10	30
Freon 113	20.0	19.7		ug/Kg		98	70 - 130	1	30
1,2-Dichloropropane	20.0	23.4		ug/Kg		117	70 - 130	1	30
2-Butanone	150	125		ug/Kg		83	60 - 140	1	30
1,1,2-Trichloroethane	20.0	21.9		ug/Kg		109	70 - 130	0	30
Trichloroethene	20.0	20.5		ug/Kg		103	70 - 130	1	30
Methyl acetate	20.0	20.3		ug/Kg		101	70 - 130	9	30
1,1,2,2-Tetrachloroethane	20.0	21.5		ug/Kg		108	70 - 130	2	30
1,2,3-Trichlorobenzene	20.0	17.1		ug/Kg		86	70 - 130	6	30
o-Xylene	20.0	20.8		ug/Kg		104	70 - 130	1	30
1,2-Dichlorobenzene	20.0	20.8		ug/Kg		104	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	17.5		ug/Kg		88	60 - 140	0	30
Isopropylbenzene	20.0	20.4		ug/Kg		102	70 - 130	1	30
m&p-Xylene	40.0	43.7		ug/Kg		109	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	104		70 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-44300/1-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Acenaphthylene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Anthracene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[a]anthracene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Chrysene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Fluoranthene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Fluorene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Indeno[1,2,3-cd]pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Naphthalene	ND		17	6.7	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Phenanthrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1
Pyrene	ND		17	3.3	ug/Kg		09/16/20 09:25	09/16/20 19:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	69		30 - 130	09/16/20 09:25	09/16/20 19:06	1
Nitrobenzene-d5 (Surr)	54		30 - 130	09/16/20 09:25	09/16/20 19:06	1
p-Terphenyl-d14 (Surr)	77		30 - 130	09/16/20 09:25	09/16/20 19:06	1

Lab Sample ID: LCS 410-44300/2-A

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1310		ug/Kg		79	70 - 130
Acenaphthylene	1670	1410		ug/Kg		84	70 - 130
Anthracene	1670	1450		ug/Kg		86	70 - 130
Benzo[a]anthracene	1670	1340		ug/Kg		80	70 - 130
Benzo[a]pyrene	1670	1490		ug/Kg		89	70 - 130
Benzo[b]fluoranthene	1670	1560		ug/Kg		93	70 - 130
Benzo[g,h,i]perylene	1670	1600		ug/Kg		96	70 - 130
Benzo[k]fluoranthene	1670	1540		ug/Kg		92	70 - 130
Chrysene	1670	1300		ug/Kg		78	70 - 130
Dibenz(a,h)anthracene	1670	1750		ug/Kg		105	70 - 130
Fluoranthene	1670	1410		ug/Kg		85	70 - 130
Fluorene	1670	1360		ug/Kg		81	70 - 130
Indeno[1,2,3-cd]pyrene	1670	1630		ug/Kg		97	70 - 130
Naphthalene	1680	1200		ug/Kg		71	70 - 130
Phenanthrene	1670	1430		ug/Kg		86	70 - 130
Pyrene	1680	1340		ug/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		30 - 130
Nitrobenzene-d5 (Surr)	60		30 - 130
p-Terphenyl-d14 (Surr)	83		30 - 130

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: 410-13618-1 MS

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: ARFF-1A

Prep Type: Total/NA

Prep Batch: 44300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	2000	F1	2030	8020	F1	ug/Kg	✱	297	70 - 130
Acenaphthylene	4300	F2 F1	2030	17000	F1	ug/Kg	✱	626	70 - 130
Anthracene	7100	F2 F1	2030	24500	F1	ug/Kg	✱	856	70 - 130
Benzo[a]anthracene	16000	F2	2030	50900	E 4	ug/Kg	✱	1720	70 - 130
Benzo[a]pyrene	13000	F2	2030	42000	4	ug/Kg	✱	1406	70 - 130
Benzo[b]fluoranthene	16000	F2	2030	50700	E 4	ug/Kg	✱	1714	70 - 130
Benzo[g,h,i]perylene	8100	F2 F1	2030	27200	F1	ug/Kg	✱	942	70 - 130
Benzo[k]fluoranthene	7700	F2 F1	2030	21200	F1	ug/Kg	✱	661	70 - 130
Chrysene	15000	F2	2030	46400	4	ug/Kg	✱	1565	70 - 130
Dibenz(a,h)anthracene	2500	F2 F1	2030	8950	F1	ug/Kg	✱	315	70 - 130
Fluoranthene	39000	F2	2030	93600	E 4	ug/Kg	✱	2704	70 - 130
Fluorene	4100	F1	2030	13000	F1	ug/Kg	✱	435	70 - 130
Indeno[1,2,3-cd]pyrene	7800	F2 F1	2040	25100	F1	ug/Kg	✱	854	70 - 130
Naphthalene	1900	F1	2040	7290	F1	ug/Kg	✱	262	70 - 130
Phenanthrene	31000		2030	80800	E 4	ug/Kg	✱	2434	70 - 130
Pyrene	31000	F2	2040	78600	E 4	ug/Kg	✱	2332	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	40		30 - 130
Nitrobenzene-d5 (Surr)	36		30 - 130
p-Terphenyl-d14 (Surr)	40		30 - 130

Lab Sample ID: 410-13618-1 MSD

Matrix: Solid

Analysis Batch: 44607

Client Sample ID: ARFF-1A

Prep Type: Total/NA

Prep Batch: 44300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acenaphthene	2000	F1	2020	8230	F1	ug/Kg	✱	308	70 - 130	3	30
Acenaphthylene	4300	F2 F1	2030	9610	F1 F2	ug/Kg	✱	263	70 - 130	56	30
Anthracene	7100	F2 F1	2030	17400	F1 F2	ug/Kg	✱	507	70 - 130	34	30
Benzo[a]anthracene	16000	F2	2020	28600	4 F2	ug/Kg	✱	622	70 - 130	56	30
Benzo[a]pyrene	13000	F2	2030	25300	4 F2	ug/Kg	✱	588	70 - 130	50	30
Benzo[b]fluoranthene	16000	F2	2030	29100	4 F2	ug/Kg	✱	655	70 - 130	54	30
Benzo[g,h,i]perylene	8100	F2 F1	2020	16100	F1 F2	ug/Kg	✱	394	70 - 130	52	30
Benzo[k]fluoranthene	7700	F2 F1	2020	12700	F1 F2	ug/Kg	✱	247	70 - 130	50	30
Chrysene	15000	F2	2020	28200	4 F2	ug/Kg	✱	672	70 - 130	49	30
Dibenz(a,h)anthracene	2500	F2 F1	2030	5290	F1 F2	ug/Kg	✱	136	70 - 130	51	30
Fluorene	4100	F1	2030	12000	F1	ug/Kg	✱	389	70 - 130	8	30
Indeno[1,2,3-cd]pyrene	7800	F2 F1	2030	14800	F1 F2	ug/Kg	✱	346	70 - 130	52	30
Naphthalene	1900	F1	2040	7520	F1	ug/Kg	✱	274	70 - 130	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	22	X	30 - 130
Nitrobenzene-d5 (Surr)	21	X	30 - 130
p-Terphenyl-d14 (Surr)	26	X	30 - 130

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 410-44176/4

Matrix: Solid

Analysis Batch: 44176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	0.253	J	1.0	0.18	mg/Kg			09/16/20 18:44	25
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	86		50 - 142					09/16/20 18:44	25

Lab Sample ID: LCS 410-44176/5

Matrix: Solid

Analysis Batch: 44176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (1C)	11.0	10.2		mg/Kg		93	60 - 132
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
a,a,a-Trifluorotoluene (fid) (1C)	98		50 - 142				

Lab Sample ID: LCSD 410-44176/6

Matrix: Solid

Analysis Batch: 44176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (1C)	11.0	10.3		mg/Kg		93	60 - 132	1	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
a,a,a-Trifluorotoluene (fid) (1C)	98		50 - 142						

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-43832/1-A

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		09/15/20 09:00	09/16/20 13:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	105		42 - 143				09/15/20 09:00	09/16/20 13:52	1

Lab Sample ID: LCS 410-43832/2-A

Matrix: Solid

Analysis Batch: 44433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	133	142		mg/Kg		106	76 - 117
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o- terphenyl (Surr)	117		42 - 143				

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 410-44582/1-A

Matrix: Solid

Analysis Batch: 45151

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		09/16/20 16:07	09/17/20 22:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	106		42 - 143				09/16/20 16:07	09/17/20 22:25	1

Lab Sample ID: LCS 410-44582/2-A

Matrix: Solid

Analysis Batch: 45151

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	133	131		mg/Kg		98	76 - 117
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o- terphenyl (Surr)	113		42 - 143				

Lab Sample ID: 410-13618-11 MS

Matrix: Solid

Analysis Batch: 45151

Client Sample ID: ARFF-6A

Prep Type: Total/NA

Prep Batch: 44582

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
DRO (C10-C28)	ND	F1	162	117	F1	mg/Kg	✖	73	76 - 117
Surrogate	MS %Recovery	MS Qualifier	Limits						
o- terphenyl (Surr)	82		42 - 143						

Lab Sample ID: 410-13618-11 DU

Matrix: Solid

Analysis Batch: 45151

Client Sample ID: ARFF-6A

Prep Type: Total/NA

Prep Batch: 44582

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
DRO (C10-C28)	ND	F1	ND		mg/Kg	✖	NC	20
Surrogate	DU %Recovery	DU Qualifier	Limits					
o- terphenyl (Surr)	78		42 - 143					

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-44790/1-A

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	3.6	ug/Kg		09/17/20 09:30	09/18/20 09:57	1
PCB-1221 (1C)	ND		17	4.6	ug/Kg		09/17/20 09:30	09/18/20 09:57	1
PCB-1232 (1C)	ND		17	8.0	ug/Kg		09/17/20 09:30	09/18/20 09:57	1
PCB-1242 (1C)	ND		17	3.3	ug/Kg		09/17/20 09:30	09/18/20 09:57	1
PCB-1248 (1C)	ND		17	3.3	ug/Kg		09/17/20 09:30	09/18/20 09:57	1
PCB-1254 (1C)	ND		17	3.3	ug/Kg		09/17/20 09:30	09/18/20 09:57	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 410-44790/1-A

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260 (1C)	ND		17	4.9	ug/Kg		09/17/20 09:30	09/18/20 09:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	128		30 - 150	09/17/20 09:30	09/18/20 09:57	1
DCB Decachlorobiphenyl (Surr) (2C)	145		30 - 150	09/17/20 09:30	09/18/20 09:57	1
Tetrachloro-m-xylene (1C)	95		30 - 150	09/17/20 09:30	09/18/20 09:57	1
Tetrachloro-m-xylene (2C)	112		30 - 150	09/17/20 09:30	09/18/20 09:57	1

Lab Sample ID: LCS 410-44790/2-A

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	167	155		ug/Kg		93	40 - 140
PCB-1260 (1C)	168	176		ug/Kg		105	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	122		30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	141		30 - 150
Tetrachloro-m-xylene (1C)	94		30 - 150
Tetrachloro-m-xylene (2C)	109		30 - 150

Lab Sample ID: 410-13618-1 MS

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: ARFF-1A

Prep Type: Total/NA

Prep Batch: 44790

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016 (1C)	ND		205	126		ug/Kg	☼	62	30 - 150
PCB-1260 (1C)	8.2	J	206	132		ug/Kg	☼	60	30 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	81	p	30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	130		30 - 150
Tetrachloro-m-xylene (1C)	58		30 - 150
Tetrachloro-m-xylene (2C)	55		30 - 150

Lab Sample ID: 410-13618-1 MSD

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: ARFF-1A

Prep Type: Total/NA

Prep Batch: 44790

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016 (1C)	ND		205	118		ug/Kg	☼	58	30 - 150	7	30
PCB-1260 (1C)	8.2	J	206	122		ug/Kg	☼	55	30 - 150	8	30

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 410-13618-1 MSD

Matrix: Solid

Analysis Batch: 45380

Client Sample ID: ARFF-1A

Prep Type: Total/NA

Prep Batch: 44790

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	71	p	30 - 150
DCB Decachlorobiphenyl (Surr) (2C)	130		30 - 150
Tetrachloro-m-xylene (1C)	55		30 - 150
Tetrachloro-m-xylene (2C)	50		30 - 150

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-44573/1-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/16/20 15:49	09/17/20 12:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr)	90		40 - 140				09/16/20 15:49	09/17/20 12:07	1
o- terphenyl (Surr)	81		40 - 140				09/16/20 15:49	09/17/20 12:07	1

Lab Sample ID: LCS 410-44573/2-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44573

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Total EPH (C9-C40)		145	121		mg/Kg		84	40 - 140	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctadecane (Surr)	74		40 - 140						
o- terphenyl (Surr)	80		40 - 140						

Lab Sample ID: LCSD 410-44573/3-A

Matrix: Solid

Analysis Batch: 44923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44573

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)		145	126		mg/Kg		87	40 - 140	4	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctadecane (Surr)	77		40 - 140							
o- terphenyl (Surr)	83		40 - 140							

Lab Sample ID: 410-13618-4 MS

Matrix: Solid

Analysis Batch: 45918

Client Sample ID: ARFF-2B

Prep Type: Total/NA

Prep Batch: 44573

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Total EPH (C9-C40)	19		181	186		mg/Kg	✱	92	40 - 140	

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 410-13618-4 MS

Matrix: Solid

Analysis Batch: 45918

Client Sample ID: ARFF-2B

Prep Type: Total/NA

Prep Batch: 44573

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr)	87		40 - 140
o- terphenyl (Surr)	94		40 - 140

Lab Sample ID: 410-13618-4 MSD

Matrix: Solid

Analysis Batch: 45918

Client Sample ID: ARFF-2B

Prep Type: Total/NA

Prep Batch: 44573

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	19		181	192		mg/Kg	☆	96	40 - 140	3	50
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctadecane (Surr)	88		40 - 140								
o- terphenyl (Surr)	99		40 - 140								

Lab Sample ID: MB 410-46547/1-A

Matrix: Solid

Analysis Batch: 46851

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	ND		10	10	mg/Kg		09/22/20 16:23	09/23/20 11:50	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctadecane (Surr)	87		40 - 140				09/22/20 16:23	09/23/20 11:50	1
o- terphenyl (Surr)	80		40 - 140				09/22/20 16:23	09/23/20 11:50	1

Lab Sample ID: LCS 410-46547/2-A

Matrix: Solid

Analysis Batch: 46851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total EPH (C9-C40)	145	121		mg/Kg		84	40 - 140
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
1-Chlorooctadecane (Surr)	73		40 - 140				
o- terphenyl (Surr)	78		40 - 140				

Lab Sample ID: LCSD 410-46547/3-A

Matrix: Solid

Analysis Batch: 46851

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	145	121		mg/Kg		84	40 - 140	0	25
Surrogate	LCSD	LCSD							
	%Recovery	Qualifier	Limits						
1-Chlorooctadecane (Surr)	72		40 - 140						
o- terphenyl (Surr)	78		40 - 140						

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: NJ EPH - NJ EPH Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 410-13618-9 MS

Matrix: Solid

Analysis Batch: 46851

Client Sample ID: ARFF-5A

Prep Type: Total/NA

Prep Batch: 46547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total EPH (C9-C40)	31		165	151		mg/Kg	☼	73	40 - 140
Surrogate	%Recovery	MS Qualifier	MS Limits						
1-Chlorooctadecane (Surr)	64		40 - 140						
o- terphenyl (Surr)	71		40 - 140						

Lab Sample ID: 410-13618-9 MSD

Matrix: Solid

Analysis Batch: 46851

Client Sample ID: ARFF-5A

Prep Type: Total/NA

Prep Batch: 46547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total EPH (C9-C40)	31		161	187		mg/Kg	☼	97	40 - 140	21	50
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
1-Chlorooctadecane (Surr)	73		40 - 140								
o- terphenyl (Surr)	83		40 - 140								

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 410-44575/1-B

Matrix: Solid

Analysis Batch: 45119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	09/18/20 13:21	1
C16-C21 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	09/18/20 13:21	1
C21-C40 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	09/18/20 13:21	1
C9-C12 Aliphatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	09/18/20 13:21	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	48		40 - 140				09/16/20 15:57	09/18/20 13:21	1

Lab Sample ID: MB 410-44575/1-C

Matrix: Solid

Analysis Batch: 50365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C12-C16 Aromatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	10/02/20 18:24	1
C16-C21 Aromatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	10/02/20 18:24	1
C21-C36 Aromatic (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	10/02/20 18:24	1
C10-C12 Aromatics (1C)	ND		10	3.0	mg/Kg		09/16/20 15:57	10/02/20 18:24	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
2-Bromonaphthalene (Surr) (1C)	68		40 - 140				09/16/20 15:57	10/02/20 18:24	1
2-Fluorobiphenyl (Surr) (1C)	70		40 - 140				09/16/20 15:57	10/02/20 18:24	1
o- terphenyl (Surr) (1C)	61		40 - 140				09/16/20 15:57	10/02/20 18:24	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 410-44575/2-B

Matrix: Solid

Analysis Batch: 45119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aliphatics (1C)	8.05	6.33	J	mg/Kg		79	40 - 140
C16-C21 Aliphatics (1C)	12.0	9.57	J	mg/Kg		79	40 - 140
C21-C40 Aliphatics (1C)	40.2	27.1		mg/Kg		67	40 - 140
C9-C12 Aliphatics (1C)	12.1	8.46	J	mg/Kg		70	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	80		40 - 140

Lab Sample ID: LCS 410-44575/2-C

Matrix: Solid

Analysis Batch: 50365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aromatics (1C)	12.0	8.53	J	mg/Kg		71	40 - 140
C16-C21 Aromatics (1C)	20.0	18.5		mg/Kg		92	40 - 140
C21-C36 Aromatic (1C)	32.1	23.8		mg/Kg		74	40 - 140
C10-C12 Aromatics (1C)	8.01	5.07	J	mg/Kg		63	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	78		40 - 140
2-Fluorobiphenyl (Surr) (1C)	81		40 - 140
o-terphenyl (Surr) (1C)	70		40 - 140

Lab Sample ID: LCSD 410-44575/3-B

Matrix: Solid

Analysis Batch: 45119

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C12-C16 Aliphatics (1C)	8.05	5.74	J	mg/Kg		71	40 - 140	10	25
C16-C21 Aliphatics (1C)	12.0	8.78	J	mg/Kg		73	40 - 140	9	25
C21-C40 Aliphatics (1C)	40.2	25.7		mg/Kg		64	40 - 140	5	25
C9-C12 Aliphatics (1C)	12.1	7.68	J	mg/Kg		64	40 - 140	10	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	73		40 - 140

Lab Sample ID: LCSD 410-44575/3-C

Matrix: Solid

Analysis Batch: 50365

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C12-C16 Aromatics (1C)	12.0	7.76	J	mg/Kg		65	40 - 140	10	25
C16-C21 Aromatics (1C)	20.0	16.7		mg/Kg		84	40 - 140	10	25
C21-C36 Aromatic (1C)	32.1	22.0		mg/Kg		69	40 - 140	8	25
C10-C12 Aromatics (1C)	8.01	4.92	J	mg/Kg		61	40 - 140	3	25

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCSD 410-44575/3-C

Matrix: Solid

Analysis Batch: 50365

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44575

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
2-Bromonaphthalene (Surr) (1C)	74		40 - 140
2-Fluorobiphenyl (Surr) (1C)	77		40 - 140
o-terphenyl (Surr) (1C)	62		40 - 140

Lab Sample ID: 410-13618-4 MS

Matrix: Solid

Analysis Batch: 45119

Client Sample ID: ARFF-2B

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C12-C16 Aliphatics (1C)	ND		10.1	6.96	J	mg/Kg	✱	69	40 - 140
C12-C16 Aromatics (1C)	ND		15.1	10.5	J	mg/Kg	✱	70	40 - 140
C16-C21 Aliphatics (1C)	ND		15.1	10.9	J	mg/Kg	✱	72	40 - 140
C16-C21 Aromatics (1C)	ND		25.1	18.7		mg/Kg	✱	74	40 - 140
C21-C36 Aromatic (1C)	ND		40.2	29.4		mg/Kg	✱	73	40 - 140
C21-C40 Aliphatics (1C)	ND		50.4	31.0		mg/Kg	✱	62	40 - 140
C10-C12 Aromatics (1C)	ND		10.0	6.31	J	mg/Kg	✱	63	40 - 140
C9-C12 Aliphatics (1C)	ND		15.1	9.30	J	mg/Kg	✱	62	40 - 140

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	71		40 - 140
2-Bromonaphthalene (Surr) (1C)	84		40 - 140
2-Fluorobiphenyl (Surr) (1C)	87		40 - 140
o-terphenyl (Surr) (1C)	70		40 - 140

Lab Sample ID: 410-13618-4 MSD

Matrix: Solid

Analysis Batch: 45119

Client Sample ID: ARFF-2B

Prep Type: Total/NA

Prep Batch: 44575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C12-C16 Aliphatics (1C)	ND		10.1	7.44	J	mg/Kg	✱	74	40 - 140	7	50
C12-C16 Aromatics (1C)	ND		15.1	11.4	J	mg/Kg	✱	76	40 - 140	8	50
C16-C21 Aliphatics (1C)	ND		15.1	12.0	J	mg/Kg	✱	79	40 - 140	9	50
C16-C21 Aromatics (1C)	ND		25.1	20.5		mg/Kg	✱	82	40 - 140	10	50
C21-C36 Aromatic (1C)	ND		40.2	32.5		mg/Kg	✱	81	40 - 140	10	50
C21-C40 Aliphatics (1C)	ND		50.4	32.6		mg/Kg	✱	65	40 - 140	5	50
C10-C12 Aromatics (1C)	ND		10.0	6.42	J	mg/Kg	✱	64	40 - 140	2	50
C9-C12 Aliphatics (1C)	ND		15.1	8.15	J	mg/Kg	✱	54	40 - 140	13	50

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	77		40 - 140
2-Bromonaphthalene (Surr) (1C)	86		40 - 140
2-Fluorobiphenyl (Surr) (1C)	89		40 - 140
o-terphenyl (Surr) (1C)	79		40 - 140

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-43359/1-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.48	0.14	mg/Kg		09/14/20 05:00	09/14/20 21:59	1
Arsenic	ND		2.9	1.2	mg/Kg		09/14/20 05:00	09/14/20 21:59	1
Cadmium	ND		0.48	0.096	mg/Kg		09/14/20 05:00	09/14/20 21:59	1
Chromium	ND		1.4	0.17	mg/Kg		09/14/20 05:00	09/14/20 21:59	1
Lead	ND		1.4	0.58	mg/Kg		09/14/20 05:00	09/14/20 21:59	1
Silver	ND		0.96	0.38	mg/Kg		09/14/20 05:00	09/14/20 21:59	1

Lab Sample ID: MB 410-43359/1-A
Matrix: Solid
Analysis Batch: 45050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		4.8	1.4	mg/Kg		09/14/20 05:00	09/17/20 15:11	1

Lab Sample ID: LCS 410-43359/2-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.962	1.05		mg/Kg		110	80 - 120
Arsenic	5.77	5.73		mg/Kg		99	80 - 120
Cadmium	0.958	1.01		mg/Kg		106	80 - 120
Chromium	2.88	2.93		mg/Kg		102	80 - 120
Silver	1.92	2.03		mg/Kg		106	80 - 120

Lab Sample ID: LCS 410-43359/2-A
Matrix: Solid
Analysis Batch: 45050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.88	3.19		mg/Kg		111	80 - 120
Selenium	9.70	11.2		mg/Kg		115	80 - 120

Lab Sample ID: MB 410-43360/1-A
Matrix: Solid
Analysis Batch: 45294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.49	0.15	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Cadmium	ND		0.49	0.098	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Chromium	ND		1.5	0.18	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Selenium	ND		4.9	1.5	mg/Kg		09/14/20 05:20	09/17/20 16:34	1
Silver	ND		0.98	0.39	mg/Kg		09/14/20 05:20	09/17/20 16:34	1

Lab Sample ID: MB 410-43360/1-A
Matrix: Solid
Analysis Batch: 45954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.9	1.2	mg/Kg		09/14/20 05:20	09/21/20 05:18	1

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-43360/1-A

Matrix: Solid

Analysis Batch: 45954

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5	0.59	mg/Kg		09/14/20 05:20	09/21/20 05:18	1

Lab Sample ID: LCS 410-43360/2-A

Matrix: Solid

Analysis Batch: 45294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.980	1.09		mg/Kg		111	80 - 120
Cadmium	0.976	1.01		mg/Kg		104	80 - 120
Chromium	2.94	3.33		mg/Kg		113	80 - 120
Selenium	9.89	10.4		mg/Kg		105	80 - 120
Silver	1.96	2.13		mg/Kg		109	80 - 120

Lab Sample ID: LCS 410-43360/2-A

Matrix: Solid

Analysis Batch: 45954

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.88	6.18		mg/Kg		105	80 - 120
Lead	2.94	2.94		mg/Kg		100	80 - 120

Lab Sample ID: MB 410-45223/1-A

Matrix: Solid

Analysis Batch: 45608

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 15:43	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 05:58	09/18/20 15:43	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 05:58	09/18/20 15:43	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 05:58	09/18/20 15:43	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 05:58	09/18/20 15:43	1

Lab Sample ID: MB 410-45223/1-A

Matrix: Solid

Analysis Batch: 46355

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.030	0.016	mg/L		09/18/20 05:58	09/22/20 05:50	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 05:58	09/22/20 05:50	1

Lab Sample ID: LCS 410-45223/2-A

Matrix: Solid

Analysis Batch: 45608

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0100	0.0103		mg/L		103	80 - 120
Cadmium	0.00996	0.0101		mg/L		101	80 - 120
Chromium	0.0300	0.0297		mg/L		99	80 - 120
Lead	0.0300	0.0280		mg/L		93	80 - 120
Silver	0.0200	0.0206		mg/L		103	80 - 120

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 410-45223/2-A

Matrix: Solid

Analysis Batch: 46355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0600	0.0652		mg/L		109	80 - 120
Selenium	0.101	0.115		mg/L		114	80 - 120

Lab Sample ID: MB 410-45224/1-A

Matrix: Solid

Analysis Batch: 45641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 10:01	1
Arsenic	ND		0.030	0.016	mg/L		09/18/20 06:03	09/19/20 10:01	1
Cadmium	ND		0.0050	0.0010	mg/L		09/18/20 06:03	09/19/20 10:01	1
Chromium	ND		0.015	0.0016	mg/L		09/18/20 06:03	09/19/20 10:01	1
Lead	ND		0.015	0.0071	mg/L		09/18/20 06:03	09/19/20 10:01	1
Selenium	ND		0.050	0.016	mg/L		09/18/20 06:03	09/19/20 10:01	1
Silver	ND		0.010	0.0050	mg/L		09/18/20 06:03	09/19/20 10:01	1

Lab Sample ID: LCS 410-45224/2-A

Matrix: Solid

Analysis Batch: 45642

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.0100	0.0106		mg/L		106	80 - 120
Arsenic	0.0600	0.0864	*	mg/L		144	80 - 120
Cadmium	0.00996	0.0102		mg/L		102	80 - 120
Chromium	0.0300	0.0302		mg/L		101	80 - 120
Lead	0.0300	0.0294		mg/L		98	80 - 120
Silver	0.0200	0.0227		mg/L		114	80 - 120

Lab Sample ID: LCS 410-45224/2-A

Matrix: Solid

Analysis Batch: 45701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.101	0.116		mg/L		115	80 - 120

Lab Sample ID: 410-13618-1 MS

Matrix: Solid

Analysis Batch: 45642

Client Sample ID: ARFF-1A

Prep Type: TCLP

Prep Batch: 45224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.21		100	97.0		mg/L		97	75 - 125
Cadmium	ND		0.999	0.980		mg/L		98	75 - 125
Chromium	ND		5.00	4.70		mg/L		94	75 - 125
Lead	ND		5.00	4.87		mg/L		97	75 - 125
Silver	ND	F1	4.99	1.56	F1	mg/L		31	75 - 125

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 410-13618-1 MS

Matrix: Solid

Analysis Batch: 45701

Client Sample ID: ARFF-1A

Prep Type: TCLP

Prep Batch: 45224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium			100	98.1		mg/L			
Cadmium			0.999	0.968		mg/L			
Chromium			5.00	4.73		mg/L			
Lead			5.00	5.03		mg/L			
Selenium			1.00	ND		mg/L			

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-45351/1-A

Matrix: Solid

Analysis Batch: 45800

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:28	09/20/20 16:05	1

Lab Sample ID: LCS 410-45351/2-A

Matrix: Solid

Analysis Batch: 45800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45351

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.07		ug/L		107	80 - 120

Lab Sample ID: MB 410-45357/1-A

Matrix: Solid

Analysis Batch: 45798

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		09/18/20 09:35	09/20/20 15:54	1

Lab Sample ID: LCS 410-45357/2-A

Matrix: Solid

Analysis Batch: 45798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.998		ug/L		100	80 - 120

Lab Sample ID: 410-13618-1 MS

Matrix: Solid

Analysis Batch: 45798

Client Sample ID: ARFF-1A

Prep Type: TCLP

Prep Batch: 45357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		20.0	18.6		ug/L		93	75 - 125

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-43363/1-A
Matrix: Solid
Analysis Batch: 43674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.055	0.023	mg/Kg		09/14/20 05:43	09/14/20 15:43	1

Lab Sample ID: LCS 410-43363/2-A
Matrix: Solid
Analysis Batch: 43674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.159	0.182		mg/Kg		114	80 - 120

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 410-49264/1
Matrix: Solid
Analysis Batch: 49264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	96.9 - 103.1

Lab Sample ID: LCSD 410-49264/2
Matrix: Solid
Analysis Batch: 49264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	81.0	80.00		Degrees F		99	96.9 - 103.1	2	4

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 410-46352/1-A
Matrix: Solid
Analysis Batch: 46657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/22/20 08:17	09/22/20 18:57	1

Lab Sample ID: LCS 410-46352/2-A
Matrix: Solid
Analysis Batch: 46657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		2	0 - 5.14

Lab Sample ID: MB 410-49426/1-A
Matrix: Solid
Analysis Batch: 50125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		60	20	mg/Kg		09/30/20 12:45	10/01/20 20:54	1

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method: 9012 - Cyanide, Reactive (Continued)

Lab Sample ID: LCS 410-49426/2-A
Matrix: Solid
Analysis Batch: 50125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	963	ND		mg/Kg		2	0 - 5.14

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 410-46352/1-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/22/20 08:17	09/22/20 12:11	1

Lab Sample ID: LCS 410-46352/25-A
Matrix: Solid
Analysis Batch: 46462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	539	441		mg/Kg		82	56 - 104

Lab Sample ID: MB 410-49426/1-A
Matrix: Solid
Analysis Batch: 49429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		160	54	mg/Kg		09/30/20 12:45	09/30/20 14:33	1

Lab Sample ID: LCS 410-49426/25-A
Matrix: Solid
Analysis Batch: 49429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	538	453		mg/Kg		84	56 - 104

Method: 9045D - pH

Lab Sample ID: LCS 410-44942/1-A
Matrix: Solid
Analysis Batch: 44979

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.1		S.U.		102	95 - 105

Lab Sample ID: 410-13618-1 DU
Matrix: Solid
Analysis Batch: 44979

Client Sample ID: ARFF-1A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.1		7.0		S.U.		1	3
Corrosivity	NO		NO		NONE		NaN	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC/MS VOA

Prep Batch: 43058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	5035	
410-13618-2	ARFF-1B	Total/NA	Solid	5035	
410-13618-3	ARFF-2A	Total/NA	Solid	5035	
410-13618-4	ARFF-2B	Total/NA	Solid	5035	
410-13618-5	ARFF-3A	Total/NA	Solid	5035	
410-13618-6	ARFF-3B	Total/NA	Solid	5035	
410-13618-6 - RA	ARFF-3B	Total/NA	Solid	5035	
410-13618-7	ARFF-4A	Total/NA	Solid	5035	
410-13618-8	ARFF-4B	Total/NA	Solid	5035	
410-13618-9	ARFF-5A	Total/NA	Solid	5035	
410-13618-10	ARFF-5B	Total/NA	Solid	5035	
410-13618-11	ARFF-6A	Total/NA	Solid	5035	
410-13618-12	ARFF-6B	Total/NA	Solid	5035	

Analysis Batch: 43865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	8260C	43058
410-13618-2	ARFF-1B	Total/NA	Solid	8260C	43058
410-13618-3	ARFF-2A	Total/NA	Solid	8260C	43058
410-13618-4	ARFF-2B	Total/NA	Solid	8260C	43058
410-13618-5	ARFF-3A	Total/NA	Solid	8260C	43058
410-13618-6	ARFF-3B	Total/NA	Solid	8260C	43058
410-13618-7	ARFF-4A	Total/NA	Solid	8260C	43058
410-13618-8	ARFF-4B	Total/NA	Solid	8260C	43058
410-13618-9	ARFF-5A	Total/NA	Solid	8260C	43058
410-13618-10	ARFF-5B	Total/NA	Solid	8260C	43058
410-13618-11	ARFF-6A	Total/NA	Solid	8260C	43058
410-13618-12	ARFF-6B	Total/NA	Solid	8260C	43058
MB 410-43865/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-43865/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-43865/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 44364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-6 - RA	ARFF-3B	Total/NA	Solid	8260C	43058
MB 410-44364/7	Method Blank	Total/NA	Solid	8260C	
LCS 410-44364/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 410-44364/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

GC/MS Semi VOA

Prep Batch: 44300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3546	
410-13618-2	ARFF-1B	Total/NA	Solid	3546	
410-13618-2 - DL	ARFF-1B	Total/NA	Solid	3546	
410-13618-3	ARFF-2A	Total/NA	Solid	3546	
410-13618-4	ARFF-2B	Total/NA	Solid	3546	
410-13618-5	ARFF-3A	Total/NA	Solid	3546	
410-13618-6	ARFF-3B	Total/NA	Solid	3546	
410-13618-7	ARFF-4A	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC/MS Semi VOA (Continued)

Prep Batch: 44300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-8	ARFF-4B	Total/NA	Solid	3546	
410-13618-9	ARFF-5A	Total/NA	Solid	3546	
410-13618-10	ARFF-5B	Total/NA	Solid	3546	
410-13618-11	ARFF-6A	Total/NA	Solid	3546	
410-13618-12	ARFF-6B	Total/NA	Solid	3546	
MB 410-44300/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44300/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13618-1 MS	ARFF-1A	Total/NA	Solid	3546	
410-13618-1 MSD	ARFF-1A	Total/NA	Solid	3546	

Analysis Batch: 44607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	8270D	44300
410-13618-2	ARFF-1B	Total/NA	Solid	8270D	44300
410-13618-2 - DL	ARFF-1B	Total/NA	Solid	8270D	44300
410-13618-3	ARFF-2A	Total/NA	Solid	8270D	44300
410-13618-4	ARFF-2B	Total/NA	Solid	8270D	44300
410-13618-5	ARFF-3A	Total/NA	Solid	8270D	44300
410-13618-6	ARFF-3B	Total/NA	Solid	8270D	44300
410-13618-7	ARFF-4A	Total/NA	Solid	8270D	44300
410-13618-8	ARFF-4B	Total/NA	Solid	8270D	44300
410-13618-9	ARFF-5A	Total/NA	Solid	8270D	44300
410-13618-10	ARFF-5B	Total/NA	Solid	8270D	44300
410-13618-11	ARFF-6A	Total/NA	Solid	8270D	44300
410-13618-12	ARFF-6B	Total/NA	Solid	8270D	44300
MB 410-44300/1-A	Method Blank	Total/NA	Solid	8270D	44300
LCS 410-44300/2-A	Lab Control Sample	Total/NA	Solid	8270D	44300
410-13618-1 MS	ARFF-1A	Total/NA	Solid	8270D	44300
410-13618-1 MSD	ARFF-1A	Total/NA	Solid	8270D	44300

GC VOA

Prep Batch: 43282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	5035	
410-13618-2	ARFF-1B	Total/NA	Solid	5035	
410-13618-3	ARFF-2A	Total/NA	Solid	5035	
410-13618-4	ARFF-2B	Total/NA	Solid	5035	
410-13618-5	ARFF-3A	Total/NA	Solid	5035	
410-13618-6	ARFF-3B	Total/NA	Solid	5035	
410-13618-7	ARFF-4A	Total/NA	Solid	5035	
410-13618-8	ARFF-4B	Total/NA	Solid	5035	
410-13618-9	ARFF-5A	Total/NA	Solid	5035	
410-13618-10	ARFF-5B	Total/NA	Solid	5035	
410-13618-11	ARFF-6A	Total/NA	Solid	5035	
410-13618-12	ARFF-6B	Total/NA	Solid	5035	

Analysis Batch: 44176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	8015D	43282
410-13618-2	ARFF-1B	Total/NA	Solid	8015D	43282

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC VOA (Continued)

Analysis Batch: 44176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-3	ARFF-2A	Total/NA	Solid	8015D	43282
410-13618-4	ARFF-2B	Total/NA	Solid	8015D	43282
410-13618-5	ARFF-3A	Total/NA	Solid	8015D	43282
410-13618-6	ARFF-3B	Total/NA	Solid	8015D	43282
410-13618-7	ARFF-4A	Total/NA	Solid	8015D	43282
410-13618-8	ARFF-4B	Total/NA	Solid	8015D	43282
410-13618-9	ARFF-5A	Total/NA	Solid	8015D	43282
410-13618-10	ARFF-5B	Total/NA	Solid	8015D	43282
410-13618-11	ARFF-6A	Total/NA	Solid	8015D	43282
410-13618-12	ARFF-6B	Total/NA	Solid	8015D	43282
MB 410-44176/4	Method Blank	Total/NA	Solid	8015D	
LCS 410-44176/5	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-44176/6	Lab Control Sample Dup	Total/NA	Solid	8015D	

GC Semi VOA

Prep Batch: 43832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3546	
410-13618-2	ARFF-1B	Total/NA	Solid	3546	
410-13618-3	ARFF-2A	Total/NA	Solid	3546	
410-13618-4	ARFF-2B	Total/NA	Solid	3546	
410-13618-5	ARFF-3A	Total/NA	Solid	3546	
410-13618-6	ARFF-3B	Total/NA	Solid	3546	
410-13618-7	ARFF-4A	Total/NA	Solid	3546	
410-13618-8	ARFF-4B	Total/NA	Solid	3546	
410-13618-9	ARFF-5A	Total/NA	Solid	3546	
410-13618-10	ARFF-5B	Total/NA	Solid	3546	
MB 410-43832/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-43832/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 44433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	8015D	43832
410-13618-2	ARFF-1B	Total/NA	Solid	8015D	43832
410-13618-3	ARFF-2A	Total/NA	Solid	8015D	43832
410-13618-4	ARFF-2B	Total/NA	Solid	8015D	43832
410-13618-5	ARFF-3A	Total/NA	Solid	8015D	43832
410-13618-6	ARFF-3B	Total/NA	Solid	8015D	43832
410-13618-7	ARFF-4A	Total/NA	Solid	8015D	43832
410-13618-8	ARFF-4B	Total/NA	Solid	8015D	43832
410-13618-9	ARFF-5A	Total/NA	Solid	8015D	43832
410-13618-10	ARFF-5B	Total/NA	Solid	8015D	43832
MB 410-43832/1-A	Method Blank	Total/NA	Solid	8015D	43832
LCS 410-43832/2-A	Lab Control Sample	Total/NA	Solid	8015D	43832

Prep Batch: 44573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3546	
410-13618-2	ARFF-1B	Total/NA	Solid	3546	
410-13618-3	ARFF-2A	Total/NA	Solid	3546	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC Semi VOA (Continued)

Prep Batch: 44573 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	Total/NA	Solid	3546	
410-13618-5	ARFF-3A	Total/NA	Solid	3546	
410-13618-6	ARFF-3B	Total/NA	Solid	3546	
410-13618-7	ARFF-4A	Total/NA	Solid	3546	
410-13618-8	ARFF-4B	Total/NA	Solid	3546	
410-13618-10	ARFF-5B	Total/NA	Solid	3546	
410-13618-11	ARFF-6A	Total/NA	Solid	3546	
MB 410-44573/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44573/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-44573/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13618-4 MS	ARFF-2B	Total/NA	Solid	3546	
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	3546	

Prep Batch: 44575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3546	
410-13618-2	ARFF-1B	Total/NA	Solid	3546	
410-13618-3	ARFF-2A	Total/NA	Solid	3546	
410-13618-4	ARFF-2B	Total/NA	Solid	3546	
410-13618-5	ARFF-3A	Total/NA	Solid	3546	
410-13618-6	ARFF-3B	Total/NA	Solid	3546	
410-13618-7	ARFF-4A	Total/NA	Solid	3546	
410-13618-8	ARFF-4B	Total/NA	Solid	3546	
410-13618-9	ARFF-5A	Total/NA	Solid	3546	
410-13618-10	ARFF-5B	Total/NA	Solid	3546	
410-13618-11	ARFF-6A	Total/NA	Solid	3546	
410-13618-12	ARFF-6B	Total/NA	Solid	3546	
MB 410-44575/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-44575/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-44575/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-44575/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-44575/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-44575/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13618-4 MS	ARFF-2B	Total/NA	Solid	3546	
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	3546	

Prep Batch: 44582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-11	ARFF-6A	Total/NA	Solid	3546	
410-13618-12	ARFF-6B	Total/NA	Solid	3546	
MB 410-44582/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44582/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13618-11 MS	ARFF-6A	Total/NA	Solid	3546	
410-13618-11 DU	ARFF-6A	Total/NA	Solid	3546	

Prep Batch: 44790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3546	
410-13618-2	ARFF-1B	Total/NA	Solid	3546	
410-13618-3	ARFF-2A	Total/NA	Solid	3546	
410-13618-4	ARFF-2B	Total/NA	Solid	3546	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC Semi VOA (Continued)

Prep Batch: 44790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-5	ARFF-3A	Total/NA	Solid	3546	
410-13618-6	ARFF-3B	Total/NA	Solid	3546	
410-13618-7	ARFF-4A	Total/NA	Solid	3546	
410-13618-8	ARFF-4B	Total/NA	Solid	3546	
410-13618-9	ARFF-5A	Total/NA	Solid	3546	
410-13618-10	ARFF-5B	Total/NA	Solid	3546	
410-13618-11	ARFF-6A	Total/NA	Solid	3546	
410-13618-12	ARFF-6B	Total/NA	Solid	3546	
MB 410-44790/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-44790/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-13618-1 MS	ARFF-1A	Total/NA	Solid	3546	
410-13618-1 MSD	ARFF-1A	Total/NA	Solid	3546	

Cleanup Batch: 44824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3630C	44575
410-13618-1	ARFF-1A	Total/NA	Solid	3630C	44575
410-13618-2	ARFF-1B	Total/NA	Solid	3630C	44575
410-13618-2	ARFF-1B	Total/NA	Solid	3630C	44575
410-13618-3	ARFF-2A	Total/NA	Solid	3630C	44575
410-13618-3	ARFF-2A	Total/NA	Solid	3630C	44575
410-13618-4	ARFF-2B	Total/NA	Solid	3630C	44575
410-13618-4	ARFF-2B	Total/NA	Solid	3630C	44575
410-13618-5	ARFF-3A	Total/NA	Solid	3630C	44575
410-13618-5	ARFF-3A	Total/NA	Solid	3630C	44575
410-13618-6	ARFF-3B	Total/NA	Solid	3630C	44575
410-13618-6	ARFF-3B	Total/NA	Solid	3630C	44575
410-13618-7	ARFF-4A	Total/NA	Solid	3630C	44575
410-13618-7	ARFF-4A	Total/NA	Solid	3630C	44575
410-13618-8	ARFF-4B	Total/NA	Solid	3630C	44575
410-13618-8	ARFF-4B	Total/NA	Solid	3630C	44575
410-13618-9	ARFF-5A	Total/NA	Solid	3630C	44575
410-13618-9	ARFF-5A	Total/NA	Solid	3630C	44575
410-13618-10	ARFF-5B	Total/NA	Solid	3630C	44575
410-13618-10	ARFF-5B	Total/NA	Solid	3630C	44575
410-13618-11	ARFF-6A	Total/NA	Solid	3630C	44575
410-13618-11	ARFF-6A	Total/NA	Solid	3630C	44575
410-13618-12	ARFF-6B	Total/NA	Solid	3630C	44575
410-13618-12	ARFF-6B	Total/NA	Solid	3630C	44575
MB 410-44575/1-B	Method Blank	Total/NA	Solid	3630C	44575
MB 410-44575/1-C	Method Blank	Total/NA	Solid	3630C	44575
LCS 410-44575/2-B	Lab Control Sample	Total/NA	Solid	3630C	44575
LCS 410-44575/2-C	Lab Control Sample	Total/NA	Solid	3630C	44575
LCSD 410-44575/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	44575
LCSD 410-44575/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	44575
410-13618-4 MS	ARFF-2B	Total/NA	Solid	3630C	44575
410-13618-4 MS	ARFF-2B	Total/NA	Solid	3630C	44575
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	3630C	44575
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	3630C	44575

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC Semi VOA

Analysis Batch: 44923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-10	ARFF-5B	Total/NA	Solid	NJ EPH	44573
410-13618-11	ARFF-6A	Total/NA	Solid	NJ EPH	44573
MB 410-44573/1-A	Method Blank	Total/NA	Solid	NJ EPH	44573
LCS 410-44573/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	44573
LCSD 410-44573/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	44573

Analysis Batch: 45112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	NJDEP EPH	44824
410-13618-3	ARFF-2A	Total/NA	Solid	NJDEP EPH	44824
410-13618-4	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824
410-13618-5	ARFF-3A	Total/NA	Solid	NJDEP EPH	44824
410-13618-6	ARFF-3B	Total/NA	Solid	NJDEP EPH	44824
410-13618-7	ARFF-4A	Total/NA	Solid	NJDEP EPH	44824
410-13618-8	ARFF-4B	Total/NA	Solid	NJDEP EPH	44824
410-13618-9	ARFF-5A	Total/NA	Solid	NJDEP EPH	44824
410-13618-10	ARFF-5B	Total/NA	Solid	NJDEP EPH	44824
410-13618-11	ARFF-6A	Total/NA	Solid	NJDEP EPH	44824
410-13618-12	ARFF-6B	Total/NA	Solid	NJDEP EPH	44824
410-13618-4 MS	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824

Analysis Batch: 45119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	NJDEP EPH	44824
410-13618-2	ARFF-1B	Total/NA	Solid	NJDEP EPH	44824
410-13618-3	ARFF-2A	Total/NA	Solid	NJDEP EPH	44824
410-13618-4	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824
410-13618-5	ARFF-3A	Total/NA	Solid	NJDEP EPH	44824
410-13618-6	ARFF-3B	Total/NA	Solid	NJDEP EPH	44824
410-13618-7	ARFF-4A	Total/NA	Solid	NJDEP EPH	44824
410-13618-8	ARFF-4B	Total/NA	Solid	NJDEP EPH	44824
410-13618-9	ARFF-5A	Total/NA	Solid	NJDEP EPH	44824
410-13618-10	ARFF-5B	Total/NA	Solid	NJDEP EPH	44824
410-13618-11	ARFF-6A	Total/NA	Solid	NJDEP EPH	44824
410-13618-12	ARFF-6B	Total/NA	Solid	NJDEP EPH	44824
MB 410-44575/1-B	Method Blank	Total/NA	Solid	NJDEP EPH	44824
LCS 410-44575/2-B	Lab Control Sample	Total/NA	Solid	NJDEP EPH	44824
LCSD 410-44575/3-B	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	44824
410-13618-4 MS	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	NJDEP EPH	44824

Analysis Batch: 45151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-11	ARFF-6A	Total/NA	Solid	8015D	44582
410-13618-12	ARFF-6B	Total/NA	Solid	8015D	44582
MB 410-44582/1-A	Method Blank	Total/NA	Solid	8015D	44582
LCS 410-44582/2-A	Lab Control Sample	Total/NA	Solid	8015D	44582
410-13618-11 MS	ARFF-6A	Total/NA	Solid	8015D	44582
410-13618-11 DU	ARFF-6A	Total/NA	Solid	8015D	44582

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC Semi VOA

Analysis Batch: 45380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	8082A	44790
410-13618-2	ARFF-1B	Total/NA	Solid	8082A	44790
410-13618-3	ARFF-2A	Total/NA	Solid	8082A	44790
410-13618-4	ARFF-2B	Total/NA	Solid	8082A	44790
410-13618-5	ARFF-3A	Total/NA	Solid	8082A	44790
MB 410-44790/1-A	Method Blank	Total/NA	Solid	8082A	44790
LCS 410-44790/2-A	Lab Control Sample	Total/NA	Solid	8082A	44790
410-13618-1 MS	ARFF-1A	Total/NA	Solid	8082A	44790
410-13618-1 MSD	ARFF-1A	Total/NA	Solid	8082A	44790

Analysis Batch: 45381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-6	ARFF-3B	Total/NA	Solid	8082A	44790
410-13618-7	ARFF-4A	Total/NA	Solid	8082A	44790
410-13618-8	ARFF-4B	Total/NA	Solid	8082A	44790
410-13618-9	ARFF-5A	Total/NA	Solid	8082A	44790
410-13618-10	ARFF-5B	Total/NA	Solid	8082A	44790
410-13618-11	ARFF-6A	Total/NA	Solid	8082A	44790
410-13618-12	ARFF-6B	Total/NA	Solid	8082A	44790

Analysis Batch: 45918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	NJ EPH	44573
410-13618-2	ARFF-1B	Total/NA	Solid	NJ EPH	44573
410-13618-3	ARFF-2A	Total/NA	Solid	NJ EPH	44573
410-13618-4	ARFF-2B	Total/NA	Solid	NJ EPH	44573
410-13618-5	ARFF-3A	Total/NA	Solid	NJ EPH	44573
410-13618-6	ARFF-3B	Total/NA	Solid	NJ EPH	44573
410-13618-7	ARFF-4A	Total/NA	Solid	NJ EPH	44573
410-13618-8	ARFF-4B	Total/NA	Solid	NJ EPH	44573
410-13618-4 MS	ARFF-2B	Total/NA	Solid	NJ EPH	44573
410-13618-4 MSD	ARFF-2B	Total/NA	Solid	NJ EPH	44573

Prep Batch: 46547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-9	ARFF-5A	Total/NA	Solid	3546	
410-13618-12	ARFF-6B	Total/NA	Solid	3546	
MB 410-46547/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-46547/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-46547/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-13618-9 MS	ARFF-5A	Total/NA	Solid	3546	
410-13618-9 MSD	ARFF-5A	Total/NA	Solid	3546	

Analysis Batch: 46851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-9	ARFF-5A	Total/NA	Solid	NJ EPH	46547
410-13618-12	ARFF-6B	Total/NA	Solid	NJ EPH	46547
MB 410-46547/1-A	Method Blank	Total/NA	Solid	NJ EPH	46547
LCS 410-46547/2-A	Lab Control Sample	Total/NA	Solid	NJ EPH	46547
LCSD 410-46547/3-A	Lab Control Sample Dup	Total/NA	Solid	NJ EPH	46547
410-13618-9 MS	ARFF-5A	Total/NA	Solid	NJ EPH	46547

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

GC Semi VOA (Continued)

Analysis Batch: 46851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-9 MSD	ARFF-5A	Total/NA	Solid	NJ EPH	46547

Analysis Batch: 50365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-2	ARFF-1B	Total/NA	Solid	NJDEP EPH	44824
MB 410-44575/1-C	Method Blank	Total/NA	Solid	NJDEP EPH	44824
LCS 410-44575/2-C	Lab Control Sample	Total/NA	Solid	NJDEP EPH	44824
LCSD 410-44575/3-C	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	44824

Metals

Prep Batch: 43359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	3050B	
410-13618-2	ARFF-1B	Total/NA	Solid	3050B	
410-13618-3	ARFF-2A	Total/NA	Solid	3050B	
410-13618-4	ARFF-2B	Total/NA	Solid	3050B	
410-13618-5	ARFF-3A	Total/NA	Solid	3050B	
410-13618-6	ARFF-3B	Total/NA	Solid	3050B	
410-13618-7	ARFF-4A	Total/NA	Solid	3050B	
410-13618-10	ARFF-5B	Total/NA	Solid	3050B	
410-13618-11	ARFF-6A	Total/NA	Solid	3050B	
MB 410-43359/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-43359/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 43360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-8	ARFF-4B	Total/NA	Solid	3050B	
410-13618-9	ARFF-5A	Total/NA	Solid	3050B	
410-13618-12	ARFF-6B	Total/NA	Solid	3050B	
MB 410-43360/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 43363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	7471B	
410-13618-2	ARFF-1B	Total/NA	Solid	7471B	
410-13618-3	ARFF-2A	Total/NA	Solid	7471B	
410-13618-4	ARFF-2B	Total/NA	Solid	7471B	
410-13618-5	ARFF-3A	Total/NA	Solid	7471B	
410-13618-6	ARFF-3B	Total/NA	Solid	7471B	
410-13618-7	ARFF-4A	Total/NA	Solid	7471B	
410-13618-8	ARFF-4B	Total/NA	Solid	7471B	
410-13618-9	ARFF-5A	Total/NA	Solid	7471B	
410-13618-10	ARFF-5B	Total/NA	Solid	7471B	
410-13618-11	ARFF-6A	Total/NA	Solid	7471B	
410-13618-12	ARFF-6B	Total/NA	Solid	7471B	
MB 410-43363/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-43363/2-A	Lab Control Sample	Total/NA	Solid	7471B	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Metals

Analysis Batch: 43674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	7471B	43363
410-13618-2	ARFF-1B	Total/NA	Solid	7471B	43363
410-13618-3	ARFF-2A	Total/NA	Solid	7471B	43363
410-13618-4	ARFF-2B	Total/NA	Solid	7471B	43363
410-13618-5	ARFF-3A	Total/NA	Solid	7471B	43363
410-13618-6	ARFF-3B	Total/NA	Solid	7471B	43363
410-13618-7	ARFF-4A	Total/NA	Solid	7471B	43363
410-13618-8	ARFF-4B	Total/NA	Solid	7471B	43363
410-13618-9	ARFF-5A	Total/NA	Solid	7471B	43363
410-13618-10	ARFF-5B	Total/NA	Solid	7471B	43363
410-13618-11	ARFF-6A	Total/NA	Solid	7471B	43363
410-13618-12	ARFF-6B	Total/NA	Solid	7471B	43363
MB 410-43363/1-A	Method Blank	Total/NA	Solid	7471B	43363
LCS 410-43363/2-A	Lab Control Sample	Total/NA	Solid	7471B	43363

Analysis Batch: 43784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	6010D	43359
410-13618-2	ARFF-1B	Total/NA	Solid	6010D	43359
410-13618-3	ARFF-2A	Total/NA	Solid	6010D	43359
410-13618-4	ARFF-2B	Total/NA	Solid	6010D	43359
410-13618-5	ARFF-3A	Total/NA	Solid	6010D	43359
410-13618-6	ARFF-3B	Total/NA	Solid	6010D	43359
410-13618-7	ARFF-4A	Total/NA	Solid	6010D	43359
410-13618-10	ARFF-5B	Total/NA	Solid	6010D	43359
410-13618-11	ARFF-6A	Total/NA	Solid	6010D	43359
MB 410-43359/1-A	Method Blank	Total/NA	Solid	6010D	43359
LCS 410-43359/2-A	Lab Control Sample	Total/NA	Solid	6010D	43359

Leach Batch: 43958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	TCLP	Solid	1311	
410-13618-2	ARFF-1B	TCLP	Solid	1311	
410-13618-3	ARFF-2A	TCLP	Solid	1311	
410-13618-4	ARFF-2B	TCLP	Solid	1311	
410-13618-5	ARFF-3A	TCLP	Solid	1311	
410-13618-6	ARFF-3B	TCLP	Solid	1311	
410-13618-7	ARFF-4A	TCLP	Solid	1311	
410-13618-8	ARFF-4B	TCLP	Solid	1311	
410-13618-9	ARFF-5A	TCLP	Solid	1311	
410-13618-10	ARFF-5B	TCLP	Solid	1311	
410-13618-11	ARFF-6A	TCLP	Solid	1311	
410-13618-12	ARFF-6B	TCLP	Solid	1311	
410-13618-1 MS	ARFF-1A	TCLP	Solid	1311	

Analysis Batch: 45050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	6010D	43359
410-13618-2	ARFF-1B	Total/NA	Solid	6010D	43359
410-13618-3	ARFF-2A	Total/NA	Solid	6010D	43359
410-13618-4	ARFF-2B	Total/NA	Solid	6010D	43359

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Metals (Continued)

Analysis Batch: 45050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-5	ARFF-3A	Total/NA	Solid	6010D	43359
410-13618-6	ARFF-3B	Total/NA	Solid	6010D	43359
410-13618-7	ARFF-4A	Total/NA	Solid	6010D	43359
410-13618-10	ARFF-5B	Total/NA	Solid	6010D	43359
410-13618-11	ARFF-6A	Total/NA	Solid	6010D	43359
MB 410-43359/1-A	Method Blank	Total/NA	Solid	6010D	43359
LCS 410-43359/2-A	Lab Control Sample	Total/NA	Solid	6010D	43359

Prep Batch: 45223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	TCLP	Solid	3010A	43958
410-13618-6	ARFF-3B	TCLP	Solid	3010A	43958
410-13618-7	ARFF-4A	TCLP	Solid	3010A	43958
410-13618-8	ARFF-4B	TCLP	Solid	3010A	43958
410-13618-9	ARFF-5A	TCLP	Solid	3010A	43958
410-13618-10	ARFF-5B	TCLP	Solid	3010A	43958
410-13618-11	ARFF-6A	TCLP	Solid	3010A	43958
410-13618-12	ARFF-6B	TCLP	Solid	3010A	43958
MB 410-45223/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-45223/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 45224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	TCLP	Solid	3010A	43958
410-13618-2	ARFF-1B	TCLP	Solid	3010A	43958
410-13618-3	ARFF-2A	TCLP	Solid	3010A	43958
410-13618-5	ARFF-3A	TCLP	Solid	3010A	43958
MB 410-45224/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 410-45224/2-A	Lab Control Sample	Total/NA	Solid	3010A	
410-13618-1 MS	ARFF-1A	TCLP	Solid	3010A	43958

Analysis Batch: 45294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-8	ARFF-4B	Total/NA	Solid	6010D	43360
410-13618-9	ARFF-5A	Total/NA	Solid	6010D	43360
410-13618-12	ARFF-6B	Total/NA	Solid	6010D	43360
MB 410-43360/1-A	Method Blank	Total/NA	Solid	6010D	43360
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	6010D	43360

Prep Batch: 45351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	TCLP	Solid	7470A	43958
410-13618-5	ARFF-3A	TCLP	Solid	7470A	43958
410-13618-6	ARFF-3B	TCLP	Solid	7470A	43958
410-13618-7	ARFF-4A	TCLP	Solid	7470A	43958
410-13618-8	ARFF-4B	TCLP	Solid	7470A	43958
410-13618-9	ARFF-5A	TCLP	Solid	7470A	43958
410-13618-10	ARFF-5B	TCLP	Solid	7470A	43958
410-13618-11	ARFF-6A	TCLP	Solid	7470A	43958
410-13618-12	ARFF-6B	TCLP	Solid	7470A	43958
MB 410-45351/1-A	Method Blank	Total/NA	Solid	7470A	

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Metals (Continued)

Prep Batch: 45351 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-45351/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 45357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	TCLP	Solid	7470A	43958
410-13618-2	ARFF-1B	TCLP	Solid	7470A	43958
410-13618-3	ARFF-2A	TCLP	Solid	7470A	43958
MB 410-45357/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 410-45357/2-A	Lab Control Sample	Total/NA	Solid	7470A	
410-13618-1 MS	ARFF-1A	TCLP	Solid	7470A	43958

Analysis Batch: 45608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	TCLP	Solid	6010D	45223
410-13618-6	ARFF-3B	TCLP	Solid	6010D	45223
410-13618-7	ARFF-4A	TCLP	Solid	6010D	45223
410-13618-8	ARFF-4B	TCLP	Solid	6010D	45223
410-13618-9	ARFF-5A	TCLP	Solid	6010D	45223
410-13618-10	ARFF-5B	TCLP	Solid	6010D	45223
410-13618-11	ARFF-6A	TCLP	Solid	6010D	45223
410-13618-12	ARFF-6B	TCLP	Solid	6010D	45223
MB 410-45223/1-A	Method Blank	Total/NA	Solid	6010D	45223
LCS 410-45223/2-A	Lab Control Sample	Total/NA	Solid	6010D	45223

Analysis Batch: 45641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-45224/1-A	Method Blank	Total/NA	Solid	6010D	45224

Analysis Batch: 45642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	TCLP	Solid	6010D	45224
410-13618-2	ARFF-1B	TCLP	Solid	6010D	45224
410-13618-3	ARFF-2A	TCLP	Solid	6010D	45224
410-13618-5	ARFF-3A	TCLP	Solid	6010D	45224
LCS 410-45224/2-A	Lab Control Sample	Total/NA	Solid	6010D	45224
410-13618-1 MS	ARFF-1A	TCLP	Solid	6010D	45224

Analysis Batch: 45701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-3	ARFF-2A	TCLP	Solid	6010D	45224
LCS 410-45224/2-A	Lab Control Sample	Total/NA	Solid	6010D	45224
410-13618-1 MS	ARFF-1A	TCLP	Solid	6010D	45224

Analysis Batch: 45798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	TCLP	Solid	7470A	45357
410-13618-2	ARFF-1B	TCLP	Solid	7470A	45357
410-13618-3	ARFF-2A	TCLP	Solid	7470A	45357
MB 410-45357/1-A	Method Blank	Total/NA	Solid	7470A	45357
LCS 410-45357/2-A	Lab Control Sample	Total/NA	Solid	7470A	45357
410-13618-1 MS	ARFF-1A	TCLP	Solid	7470A	45357

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Metals

Analysis Batch: 45800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	TCLP	Solid	7470A	45351
410-13618-5	ARFF-3A	TCLP	Solid	7470A	45351
410-13618-6	ARFF-3B	TCLP	Solid	7470A	45351
410-13618-7	ARFF-4A	TCLP	Solid	7470A	45351
410-13618-8	ARFF-4B	TCLP	Solid	7470A	45351
410-13618-9	ARFF-5A	TCLP	Solid	7470A	45351
410-13618-10	ARFF-5B	TCLP	Solid	7470A	45351
410-13618-11	ARFF-6A	TCLP	Solid	7470A	45351
410-13618-12	ARFF-6B	TCLP	Solid	7470A	45351
MB 410-45351/1-A	Method Blank	Total/NA	Solid	7470A	45351
LCS 410-45351/2-A	Lab Control Sample	Total/NA	Solid	7470A	45351

Analysis Batch: 45954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-8	ARFF-4B	Total/NA	Solid	6010D	43360
410-13618-9	ARFF-5A	Total/NA	Solid	6010D	43360
410-13618-12	ARFF-6B	Total/NA	Solid	6010D	43360
MB 410-43360/1-A	Method Blank	Total/NA	Solid	6010D	43360
LCS 410-43360/2-A	Lab Control Sample	Total/NA	Solid	6010D	43360

Analysis Batch: 46355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	TCLP	Solid	6010D	45223
410-13618-6	ARFF-3B	TCLP	Solid	6010D	45223
410-13618-7	ARFF-4A	TCLP	Solid	6010D	45223
410-13618-8	ARFF-4B	TCLP	Solid	6010D	45223
410-13618-9	ARFF-5A	TCLP	Solid	6010D	45223
410-13618-10	ARFF-5B	TCLP	Solid	6010D	45223
410-13618-11	ARFF-6A	TCLP	Solid	6010D	45223
410-13618-12	ARFF-6B	TCLP	Solid	6010D	45223
MB 410-45223/1-A	Method Blank	Total/NA	Solid	6010D	45223
LCS 410-45223/2-A	Lab Control Sample	Total/NA	Solid	6010D	45223

General Chemistry

Analysis Batch: 43021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	Moisture	
410-13618-2	ARFF-1B	Total/NA	Solid	Moisture	
410-13618-3	ARFF-2A	Total/NA	Solid	Moisture	
410-13618-4	ARFF-2B	Total/NA	Solid	Moisture	
410-13618-5	ARFF-3A	Total/NA	Solid	Moisture	
410-13618-6	ARFF-3B	Total/NA	Solid	Moisture	
410-13618-7	ARFF-4A	Total/NA	Solid	Moisture	
410-13618-8	ARFF-4B	Total/NA	Solid	Moisture	
410-13618-9	ARFF-5A	Total/NA	Solid	Moisture	
410-13618-10	ARFF-5B	Total/NA	Solid	Moisture	
410-13618-11	ARFF-6A	Total/NA	Solid	Moisture	
410-13618-12	ARFF-6B	Total/NA	Solid	Moisture	

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

General Chemistry

Leach Batch: 44942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Soluble	Solid	DI Leach	
410-13618-2	ARFF-1B	Soluble	Solid	DI Leach	
410-13618-3	ARFF-2A	Soluble	Solid	DI Leach	
410-13618-4	ARFF-2B	Soluble	Solid	DI Leach	
410-13618-5	ARFF-3A	Soluble	Solid	DI Leach	
410-13618-6	ARFF-3B	Soluble	Solid	DI Leach	
410-13618-7	ARFF-4A	Soluble	Solid	DI Leach	
410-13618-8	ARFF-4B	Soluble	Solid	DI Leach	
410-13618-9	ARFF-5A	Soluble	Solid	DI Leach	
410-13618-10	ARFF-5B	Soluble	Solid	DI Leach	
410-13618-11	ARFF-6A	Soluble	Solid	DI Leach	
410-13618-12	ARFF-6B	Soluble	Solid	DI Leach	
LCS 410-44942/1-A	Lab Control Sample	Soluble	Solid	DI Leach	
410-13618-1 DU	ARFF-1A	Soluble	Solid	DI Leach	

Analysis Batch: 44979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Soluble	Solid	9045D	44942
410-13618-2	ARFF-1B	Soluble	Solid	9045D	44942
410-13618-3	ARFF-2A	Soluble	Solid	9045D	44942
410-13618-4	ARFF-2B	Soluble	Solid	9045D	44942
410-13618-5	ARFF-3A	Soluble	Solid	9045D	44942
410-13618-6	ARFF-3B	Soluble	Solid	9045D	44942
410-13618-7	ARFF-4A	Soluble	Solid	9045D	44942
410-13618-8	ARFF-4B	Soluble	Solid	9045D	44942
410-13618-9	ARFF-5A	Soluble	Solid	9045D	44942
410-13618-10	ARFF-5B	Soluble	Solid	9045D	44942
410-13618-11	ARFF-6A	Soluble	Solid	9045D	44942
410-13618-12	ARFF-6B	Soluble	Solid	9045D	44942
LCS 410-44942/1-A	Lab Control Sample	Soluble	Solid	9045D	44942
410-13618-1 DU	ARFF-1A	Soluble	Solid	9045D	44942

Prep Batch: 46352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	7.3.4	
410-13618-2	ARFF-1B	Total/NA	Solid	7.3.4	
410-13618-3	ARFF-2A	Total/NA	Solid	7.3.4	
MB 410-46352/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-46352/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Analysis Batch: 46462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	9034	46352
410-13618-2	ARFF-1B	Total/NA	Solid	9034	46352
410-13618-3	ARFF-2A	Total/NA	Solid	9034	46352
MB 410-46352/1-A	Method Blank	Total/NA	Solid	9034	46352
LCS 410-46352/25-A	Lab Control Sample	Total/NA	Solid	9034	46352

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

General Chemistry

Analysis Batch: 46657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	9012	46352
410-13618-2	ARFF-1B	Total/NA	Solid	9012	46352
410-13618-3	ARFF-2A	Total/NA	Solid	9012	46352
MB 410-46352/1-A	Method Blank	Total/NA	Solid	9012	46352
LCS 410-46352/2-A	Lab Control Sample	Total/NA	Solid	9012	46352

Analysis Batch: 49264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-1	ARFF-1A	Total/NA	Solid	1010A	
410-13618-2	ARFF-1B	Total/NA	Solid	1010A	
410-13618-3	ARFF-2A	Total/NA	Solid	1010A	
410-13618-4	ARFF-2B	Total/NA	Solid	1010A	
410-13618-5	ARFF-3A	Total/NA	Solid	1010A	
410-13618-6	ARFF-3B	Total/NA	Solid	1010A	
410-13618-7	ARFF-4A	Total/NA	Solid	1010A	
410-13618-8	ARFF-4B	Total/NA	Solid	1010A	
410-13618-9	ARFF-5A	Total/NA	Solid	1010A	
410-13618-10	ARFF-5B	Total/NA	Solid	1010A	
410-13618-11	ARFF-6A	Total/NA	Solid	1010A	
410-13618-12	ARFF-6B	Total/NA	Solid	1010A	
LCS 410-49264/1	Lab Control Sample	Total/NA	Solid	1010A	
LCSD 410-49264/2	Lab Control Sample Dup	Total/NA	Solid	1010A	

Prep Batch: 49426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	Total/NA	Solid	7.3.4	
410-13618-5	ARFF-3A	Total/NA	Solid	7.3.4	
410-13618-6	ARFF-3B	Total/NA	Solid	7.3.4	
410-13618-7	ARFF-4A	Total/NA	Solid	7.3.4	
410-13618-8	ARFF-4B	Total/NA	Solid	7.3.4	
410-13618-9	ARFF-5A	Total/NA	Solid	7.3.4	
410-13618-10	ARFF-5B	Total/NA	Solid	7.3.4	
410-13618-11	ARFF-6A	Total/NA	Solid	7.3.4	
410-13618-12	ARFF-6B	Total/NA	Solid	7.3.4	
MB 410-49426/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 410-49426/25-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 410-49426/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Analysis Batch: 49429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	Total/NA	Solid	9034	49426
410-13618-5	ARFF-3A	Total/NA	Solid	9034	49426
410-13618-6	ARFF-3B	Total/NA	Solid	9034	49426
410-13618-7	ARFF-4A	Total/NA	Solid	9034	49426
410-13618-8	ARFF-4B	Total/NA	Solid	9034	49426
410-13618-9	ARFF-5A	Total/NA	Solid	9034	49426
410-13618-10	ARFF-5B	Total/NA	Solid	9034	49426
410-13618-11	ARFF-6A	Total/NA	Solid	9034	49426
410-13618-12	ARFF-6B	Total/NA	Solid	9034	49426
MB 410-49426/1-A	Method Blank	Total/NA	Solid	9034	49426
LCS 410-49426/25-A	Lab Control Sample	Total/NA	Solid	9034	49426

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

General Chemistry

Analysis Batch: 50125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13618-4	ARFF-2B	Total/NA	Solid	9012	49426
410-13618-5	ARFF-3A	Total/NA	Solid	9012	49426
410-13618-6	ARFF-3B	Total/NA	Solid	9012	49426
410-13618-7	ARFF-4A	Total/NA	Solid	9012	49426
410-13618-8	ARFF-4B	Total/NA	Solid	9012	49426
410-13618-9	ARFF-5A	Total/NA	Solid	9012	49426
410-13618-10	ARFF-5B	Total/NA	Solid	9012	49426
410-13618-11	ARFF-6A	Total/NA	Solid	9012	49426
410-13618-12	ARFF-6B	Total/NA	Solid	9012	49426
MB 410-49426/1-A	Method Blank	Total/NA	Solid	9012	49426
LCS 410-49426/2-A	Lab Control Sample	Total/NA	Solid	9012	49426

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45224	09/18/20 06:03	UAMX	ELLE
TCLP	Analysis	6010D		1	45642	09/19/20 11:01	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45357	09/18/20 09:35	UAMX	ELLE
TCLP	Analysis	7470A		1	45798	09/20/20 16:37	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9012		1	46657	09/22/20 19:20	QU5I	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-1A

Lab Sample ID: 410-13618-1

Date Collected: 09/09/20 09:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 16:34	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		10	44607	09/16/20 19:52	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 11:53	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 19:49	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45380	09/18/20 10:47	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		10	45918	09/21/20 16:52	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 17:23	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 17:23	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:07	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:00	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:01	UEFS	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45224	09/18/20 06:03	UAMX	ELLE
TCLP	Analysis	6010D		1	45642	09/19/20 10:51	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45357	09/18/20 09:35	UAMX	ELLE
TCLP	Analysis	7470A		1	45798	09/20/20 16:20	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9012		1	46657	09/22/20 19:18	QU5I	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 16:11	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 21:25	ULM3	ELLE
Total/NA	Prep	3546	DL		44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D	DL	10	44607	09/17/20 01:40	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 11:16	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		20	44433	09/16/20 20:09	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45380	09/18/20 10:57	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		10	45918	09/21/20 17:17	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	50365	10/02/20 20:25	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 18:03	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:04	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 15:57	UCIG	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-1B

Lab Sample ID: 410-13618-2

Date Collected: 09/09/20 09:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 15:59	UEFS	ELLE

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45224	09/18/20 06:03	UAMX	ELLE
TCLP	Analysis	6010D		1	45642	09/19/20 10:47	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45224	09/18/20 06:03	UAMX	ELLE
TCLP	Analysis	6010D		1	45701	09/19/20 15:25	UCIG	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45357	09/18/20 09:35	UAMX	ELLE
TCLP	Analysis	7470A		1	45798	09/20/20 16:18	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9012		1	46657	09/22/20 19:17	QU5I	ELLE
Total/NA	Prep	7.3.4			46352	09/22/20 08:17	USE1	ELLE
Total/NA	Analysis	9034		1	46462	09/22/20 12:11	USE1	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 12:20	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 21:48	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 10:40	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 15:12	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45380	09/18/20 11:08	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 13:10	YHQ2	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2A

Lab Sample ID: 410-13618-3

Date Collected: 09/09/20 10:10

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 18:43	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 18:43	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:00	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 15:53	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 15:57	UEFS	ELLE

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:46	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:49	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:38	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:06	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 12:43	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 22:11	ULM3	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-2B

Lab Sample ID: 410-13618-4

Date Collected: 09/09/20 10:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 10:04	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 15:32	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45380	09/18/20 11:18	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 11:55	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 15:22	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 15:22	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:26	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:15	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:09	UEFS	ELLE

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45224	09/18/20 06:03	UAMX	ELLE
TCLP	Analysis	6010D		1	45642	09/19/20 11:30	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 17:14	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:10	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3A

Lab Sample ID: 410-13618-5

Date Collected: 09/09/20 12:00

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 13:06	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 22:34	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		250	44176	09/17/20 09:21	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 16:11	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45380	09/18/20 11:28	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 13:34	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 19:24	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 19:24	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:30	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:19	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:11	UEFS	ELLE

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:25	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:22	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:26	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:11	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-3B

Lab Sample ID: 410-13618-6

Date Collected: 09/09/20 12:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 13:29	R64Z	ELLE
Total/NA	Prep	5035	RA		43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C	RA	1	44364	09/16/20 20:31	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 22:57	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 08:45	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 16:31	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 17:26	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 13:59	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 20:04	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 20:04	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 22:24	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 15:39	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:23	UEFS	ELLE

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 17:22	UPJE	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 07:25	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 17:01	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:12	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-4A

Lab Sample ID: 410-13618-7

Date Collected: 09/09/20 11:30

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 13:52	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 23:20	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 08:09	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 15:52	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 17:38	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 15:13	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 21:52	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 21:52	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:36	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:26	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:15	UEFS	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 17:02	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:59	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:48	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 07:57	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:14	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 14:15	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/16/20 23:43	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 06:57	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 14:33	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 17:50	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	45918	09/21/20 15:38	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 22:32	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 22:32	KP5X	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 16:59	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 05:45	ULJC	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-4B

Lab Sample ID: 410-13618-8

Date Collected: 09/09/20 11:35

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:25	UEFS	ELLE

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:53	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:56	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:46	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 08:18	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:15	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 14:38	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/17/20 00:06	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 06:14	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 16:51	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 18:02	JC94	ELLE
Total/NA	Prep	3546			46547	09/22/20 16:24	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	46851	09/23/20 13:04	YHQ2	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5A

Lab Sample ID: 410-13618-9

Date Collected: 09/09/20 11:05

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 23:12	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 23:12	KP5X	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 17:12	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 05:59	ULJC	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:27	UEFS	ELLE

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:49	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:52	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:44	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 08:18	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:16	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 15:01	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/17/20 00:30	ULM3	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-5B

Lab Sample ID: 410-13618-10

Date Collected: 09/09/20 11:15

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 05:38	UMDJ	ELLE
Total/NA	Prep	3546			43832	09/15/20 09:00	DN9W	ELLE
Total/NA	Analysis	8015D		1	44433	09/16/20 14:52	IUSB	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 18:13	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	44923	09/17/20 17:30	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/18/20 23:53	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/18/20 23:53	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:33	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:22	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:13	UEFS	ELLE

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:39	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:42	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:34	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 08:18	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:18	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6A

Lab Sample ID: 410-13618-11

Date Collected: 09/09/20 10:40

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 15:25	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/17/20 00:53	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 05:02	UMDJ	ELLE
Total/NA	Prep	3546			44582	09/16/20 16:07	DN9W	ELLE
Total/NA	Analysis	8015D		1	45151	09/17/20 23:05	KP5X	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 18:25	JC94	ELLE
Total/NA	Prep	3546			44573	09/16/20 15:49	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	44923	09/17/20 17:55	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/19/20 00:33	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/19/20 00:33	KP5X	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	43784	09/14/20 23:16	ULJC	ELLE
Total/NA	Prep	3050B			43359	09/14/20 05:00	UAMX	ELLE
Total/NA	Analysis	6010D		1	45050	09/17/20 16:04	UCIG	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:07	UEFS	ELLE

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	45608	09/18/20 16:36	UPJE	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	3010A			45223	09/18/20 05:58	UAMX	ELLE
TCLP	Analysis	6010D		1	46355	09/22/20 06:38	ULJC	ELLE
TCLP	Leach	1311			43958	09/15/20 10:15	UNWS	ELLE
TCLP	Prep	7470A			45351	09/18/20 09:28	UAMX	ELLE
TCLP	Analysis	7470A		1	45800	09/20/20 16:32	UEFS	ELLE
Total/NA	Analysis	1010A		1	49264	09/30/20 08:18	USAE	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9012		1	50125	10/01/20 21:19	QU5I	ELLE
Total/NA	Prep	7.3.4			49426	09/30/20 12:45	P8DZ	ELLE
Total/NA	Analysis	9034		1	49429	09/30/20 14:33	P8DZ	ELLE

Eurofins Lancaster Laboratories Env, LLC

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			44942	09/17/20 10:31	UYB0	ELLE
Soluble	Analysis	9045D		1	44979	09/17/20 13:25	UYB0	ELLE
Total/NA	Analysis	Moisture		1	43021	09/11/20 12:33	UVJN	ELLE

Client Sample ID: ARFF-6B

Lab Sample ID: 410-13618-12

Date Collected: 09/09/20 10:45

Matrix: Solid

Date Received: 09/10/20 19:27

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			43058	09/11/20 14:48	Z8FW	ELLE
Total/NA	Analysis	8260C		1	43865	09/15/20 15:48	R64Z	ELLE
Total/NA	Prep	3546			44300	09/16/20 09:25	A2VL	ELLE
Total/NA	Analysis	8270D		1	44607	09/17/20 01:16	ULM3	ELLE
Total/NA	Prep	5035			43282	09/13/20 08:32	Z8FW	ELLE
Total/NA	Analysis	8015D		25	44176	09/17/20 04:26	UMDJ	ELLE
Total/NA	Prep	3546			44582	09/16/20 16:07	DN9W	ELLE
Total/NA	Analysis	8015D		1	45151	09/18/20 00:04	KP5X	ELLE
Total/NA	Prep	3546			44790	09/17/20 09:30	R9CT	ELLE
Total/NA	Analysis	8082A		1	45381	09/18/20 18:37	JC94	ELLE
Total/NA	Prep	3546			46547	09/22/20 16:24	DN9W	ELLE
Total/NA	Analysis	NJ EPH		1	46851	09/23/20 14:19	YHQ2	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45112	09/19/20 01:13	KP5X	ELLE
Total/NA	Prep	3546			44575	09/16/20 15:57	DN9W	ELLE
Total/NA	Cleanup	3630C			44824	09/17/20 09:48	I5BW	ELLE
Total/NA	Analysis	NJDEP EPH		1	45119	09/19/20 01:13	KP5X	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45294	09/17/20 17:15	UPJE	ELLE
Total/NA	Prep	3050B			43360	09/14/20 05:20	UAMX	ELLE
Total/NA	Analysis	6010D		1	45954	09/21/20 06:02	ULJC	ELLE
Total/NA	Prep	7471B			43363	09/14/20 05:43	UAMX	ELLE
Total/NA	Analysis	7471B		1	43674	09/14/20 16:29	UEFS	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9012	7.3.4	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8015D	Gasoline Range Organics (GRO) (GC)	SW846	ELLE
8015D	Diesel Range Organics (DRO) (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
NJ EPH	NJ EPH Extractable Petroleum Hydrocarbons	NJDEP	ELLE
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	ELLE
6010D	Metals (ICP)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	ELLE
9012	Cyanide, Reactive	SW846	ELLE
9034	Sulfide, Reactive	SW846	ELLE
9045D	pH	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1311	TCLP Extraction	SW846	ELLE
3010A	Preparation, Total Metals	SW846	ELLE
3050B	Preparation, Metals	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
3630C	Silica Gel Cleanup	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
7.3.3	Cyanide, Reactive	SW846	ELLE
7.3.4	Sulfide, Reactive	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE
DI Leach	Deionized Water Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Site NJ

Job ID: 410-13618-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13618-1	ARFF-1A	Solid	09/09/20 09:40	09/10/20 19:27	
410-13618-2	ARFF-1B	Solid	09/09/20 09:45	09/10/20 19:27	
410-13618-3	ARFF-2A	Solid	09/09/20 10:10	09/10/20 19:27	
410-13618-4	ARFF-2B	Solid	09/09/20 10:15	09/10/20 19:27	
410-13618-5	ARFF-3A	Solid	09/09/20 12:00	09/10/20 19:27	
410-13618-6	ARFF-3B	Solid	09/09/20 12:05	09/10/20 19:27	
410-13618-7	ARFF-4A	Solid	09/09/20 11:30	09/10/20 19:27	
410-13618-8	ARFF-4B	Solid	09/09/20 11:35	09/10/20 19:27	
410-13618-9	ARFF-5A	Solid	09/09/20 11:05	09/10/20 19:27	
410-13618-10	ARFF-5B	Solid	09/09/20 11:15	09/10/20 19:27	
410-13618-11	ARFF-6A	Solid	09/09/20 10:40	09/10/20 19:27	
410-13618-12	ARFF-6B	Solid	09/09/20 10:45	09/10/20 19:27	

eurofins

10/20/2020

eurofins Food inspection & testing
Institute

TWNR

Ver: 01/06/2019

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-13618-1

Login Number: 13618

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Rivera, Tatiana

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	True	

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

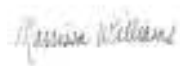
Laboratory Job ID: 410-14502-1

Client Project/Site: TTN Term Phase II

For:

Urban Engineers, Inc.
530 Walnut St.
Philadelphia, Pennsylvania 19106

Attn: Mr. Angelo Waters



Authorized for release by:
10/2/2020 3:21:20 PM

Marrissa Williams, Project Manager
(717)556-7246
marrissawilliams@eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

* QC recoveries that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result.

* Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

* Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Marrison Williams
Project Manager
10/2/2020 3:21:21 PM

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Definitions/Glossary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Job ID: 410-14502-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-14502-1

Receipt

The samples were received on 9/18/2020 4:13 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C

LCMS

Method PFC_IDA_NJ: The sample injection standard peak areas in the following sample: GW-3 (410-14502-1) are outside of the QC limits for both the initial injection and the re-injection. The values here are from the initial injection of the sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: GW-3

Lab Sample ID: 410-14502-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid	19		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorodecanoic acid	0.67	J	1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroheptanoic acid	60		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorohexanesulfonic acid	68		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorohexanoic acid	130		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorononanoic acid	27		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorooctanesulfonic acid	18		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorooctanoic acid	30		1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroundecanoic acid	0.74	J	1.8	0.45	ng/L	1		T-WI21398 ver4	Total/NA

Client Sample ID: GW-4

Lab Sample ID: 410-14502-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid	82		1.8	0.46	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorodecanoic acid	4.7		1.8	0.46	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroheptanoic acid	360		1.8	0.46	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorooctanoic acid	310		1.8	0.46	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroundecanoic acid	6.6		1.8	0.46	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorohexanesulfonic acid - DL	630		18	4.6	ng/L	10		T-WI21398 ver4	Total/NA
Perfluorohexanoic acid - DL	1100		18	4.6	ng/L	10		T-WI21398 ver4	Total/NA
Perfluorononanoic acid - DL	590		18	4.6	ng/L	10		T-WI21398 ver4	Total/NA
Perfluorooctanesulfonic acid - DL	650		18	4.6	ng/L	10		T-WI21398 ver4	Total/NA

Client Sample ID: GW-2

Lab Sample ID: 410-14502-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid	2.0		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorodecanoic acid	29		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorododecanoic acid	1.6	J	1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroheptanoic acid	6.7		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorohexanesulfonic acid	21		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorohexanoic acid	15		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorononanoic acid	47		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorooctanoic acid	14		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorotridecanoic acid	3.7		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluoroundecanoic acid	160		1.9	0.48	ng/L	1		T-WI21398 ver4	Total/NA
Perfluorooctanesulfonic acid - DL	430		19	4.8	ng/L	10		T-WI21398 ver4	Total/NA

Client Sample ID: FBW-1

Lab Sample ID: 410-14502-4

No Detections.

Client Sample ID: RBW-1

Lab Sample ID: 410-14502-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: GW-3

Lab Sample ID: 410-14502-1

Date Collected: 09/17/20 08:30

Matrix: Water

Date Received: 09/18/20 16:13

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	19		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorodecanoic acid	0.67	J	1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluoroheptanoic acid	60		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorohexanesulfonic acid	68		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorohexanoic acid	130		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorononanoic acid	27		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorooctanesulfonic acid	18		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorooctanoic acid	30		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Perfluoroundecanoic acid	0.74	J	1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	77		45 - 135				09/21/20 07:34	09/22/20 01:13	1
13C2-PFDoDA	80		20 - 148				09/21/20 07:34	09/22/20 01:13	1
13C4 PFHpA	76		34 - 143				09/21/20 07:34	09/22/20 01:13	1
13C3 PFHxS	70		38 - 144				09/21/20 07:34	09/22/20 01:13	1
13C5 PFHxA	64		30 - 143				09/21/20 07:34	09/22/20 01:13	1
13C9 PFNA	94		36 - 151				09/21/20 07:34	09/22/20 01:13	1
13C8 PFOA	83		37 - 141				09/21/20 07:34	09/22/20 01:13	1
13C2 PFTeDA	69		10 - 158				09/21/20 07:34	09/22/20 01:13	1
13C7 PFUnA	81		33 - 148				09/21/20 07:34	09/22/20 01:13	1
13C3 PFBS	127		11 - 191				09/21/20 07:34	09/22/20 01:13	1
13C8 PFOS	79		42 - 136				09/21/20 07:34	09/22/20 01:13	1

Client Sample ID: GW-4

Lab Sample ID: 410-14502-2

Date Collected: 09/17/20 09:00

Matrix: Water

Date Received: 09/18/20 16:13

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	82		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluorodecanoic acid	4.7		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluoroheptanoic acid	360		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluorooctanoic acid	310		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Perfluoroundecanoic acid	6.6		1.8	0.46	ng/L		09/21/20 07:34	09/30/20 13:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	81		45 - 135				09/21/20 07:34	09/30/20 13:22	1
13C2-PFDoDA	84		20 - 148				09/21/20 07:34	09/30/20 13:22	1
13C4 PFHpA	94		34 - 143				09/21/20 07:34	09/30/20 13:22	1
13C3 PFHxS	92		38 - 144				09/21/20 07:34	09/30/20 13:22	1
13C5 PFHxA	83		30 - 143				09/21/20 07:34	09/30/20 13:22	1
13C9 PFNA	77		36 - 151				09/21/20 07:34	09/30/20 13:22	1
13C8 PFOA	88		37 - 141				09/21/20 07:34	09/30/20 13:22	1
13C2 PFTeDA	59		10 - 158				09/21/20 07:34	09/30/20 13:22	1
13C7 PFUnA	86		33 - 148				09/21/20 07:34	09/30/20 13:22	1

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Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: GW-4

Lab Sample ID: 410-14502-2

Date Collected: 09/17/20 09:00

Matrix: Water

Date Received: 09/18/20 16:13

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	136		11 - 191	09/21/20 07:34	09/30/20 13:22	1
13C8 PFOS	80		42 - 136	09/21/20 07:34	09/30/20 13:22	1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	630		18	4.6	ng/L		09/21/20 07:34	09/30/20 13:32	10
Perfluorohexanoic acid	1100		18	4.6	ng/L		09/21/20 07:34	09/30/20 13:32	10
Perfluorononanoic acid	590		18	4.6	ng/L		09/21/20 07:34	09/30/20 13:32	10
Perfluorooctanesulfonic acid	650		18	4.6	ng/L		09/21/20 07:34	09/30/20 13:32	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C3 PFHxS	72		38 - 144				09/21/20 07:34	09/30/20 13:32	10
13C5 PFHxA	77		30 - 143				09/21/20 07:34	09/30/20 13:32	10
13C9 PFNA	78		36 - 151				09/21/20 07:34	09/30/20 13:32	10
13C8 PFOS	77		42 - 136				09/21/20 07:34	09/30/20 13:32	10

Client Sample ID: GW-2

Lab Sample ID: 410-14502-3

Date Collected: 09/17/20 09:30

Matrix: Water

Date Received: 09/18/20 16:13

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	2.0		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorodecanoic acid	29		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorododecanoic acid	1.6	J	1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluoroheptanoic acid	6.7		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorohexanesulfonic acid	21		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorohexanoic acid	15		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorononanoic acid	47		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorooctanoic acid	14		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorotetradecanoic acid	ND		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluorotridecanoic acid	3.7		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Perfluoroundecanoic acid	160		1.9	0.48	ng/L		09/21/20 07:34	09/22/20 01:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	82		45 - 135				09/21/20 07:34	09/22/20 01:32	1
13C2-PFDoDA	93		20 - 148				09/21/20 07:34	09/22/20 01:32	1
13C4 PFHpA	88		34 - 143				09/21/20 07:34	09/22/20 01:32	1
13C3 PFHxS	84		38 - 144				09/21/20 07:34	09/22/20 01:32	1
13C5 PFHxA	87		30 - 143				09/21/20 07:34	09/22/20 01:32	1
13C9 PFNA	95		36 - 151				09/21/20 07:34	09/22/20 01:32	1
13C8 PFOA	90		37 - 141				09/21/20 07:34	09/22/20 01:32	1
13C2 PFTeDA	78		10 - 158				09/21/20 07:34	09/22/20 01:32	1
13C7 PFUnA	83		33 - 148				09/21/20 07:34	09/22/20 01:32	1
13C3 PFBS	102		11 - 191				09/21/20 07:34	09/22/20 01:32	1
13C8 PFOS	80		42 - 136				09/21/20 07:34	09/22/20 01:32	1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid	430		19	4.8	ng/L		09/21/20 07:34	09/30/20 13:42	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 PFOS	78		42 - 136				09/21/20 07:34	09/30/20 13:42	10

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: FBW-1

Date Collected: 09/17/20 08:10

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-4

Matrix: Water

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorodecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluoroheptanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorohexanesulfonic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorohexanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorononanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorooctanesulfonic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorooctanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		09/21/20 07:34	09/22/20 01:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	77		45 - 135				09/21/20 07:34	09/22/20 01:42	1
13C2-PFDoDA	87		20 - 148				09/21/20 07:34	09/22/20 01:42	1
13C4 PFHpA	79		34 - 143				09/21/20 07:34	09/22/20 01:42	1
13C3 PFHxS	74		38 - 144				09/21/20 07:34	09/22/20 01:42	1
13C5 PFHxA	83		30 - 143				09/21/20 07:34	09/22/20 01:42	1
13C9 PFNA	94		36 - 151				09/21/20 07:34	09/22/20 01:42	1
13C8 PFOA	85		37 - 141				09/21/20 07:34	09/22/20 01:42	1
13C2 PFTeDA	74		10 - 158				09/21/20 07:34	09/22/20 01:42	1
13C7 PFUnA	82		33 - 148				09/21/20 07:34	09/22/20 01:42	1
13C3 PFBS	77		11 - 191				09/21/20 07:34	09/22/20 01:42	1
13C8 PFOS	81		42 - 136				09/21/20 07:34	09/22/20 01:42	1

Client Sample ID: RBW-1

Date Collected: 09/17/20 08:10

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-5

Matrix: Water

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorodecanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluoroheptanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorohexanesulfonic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorohexanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorononanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorooctanesulfonic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorooctanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		09/21/20 07:34	09/22/20 01:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C6 PFDA	83		45 - 135				09/21/20 07:34	09/22/20 01:52	1
13C2-PFDoDA	86		20 - 148				09/21/20 07:34	09/22/20 01:52	1
13C4 PFHpA	77		34 - 143				09/21/20 07:34	09/22/20 01:52	1
13C3 PFHxS	75		38 - 144				09/21/20 07:34	09/22/20 01:52	1
13C5 PFHxA	84		30 - 143				09/21/20 07:34	09/22/20 01:52	1

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: RBW-1

Date Collected: 09/17/20 08:10

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-5

Matrix: Water

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C9 PFNA	95		36 - 151	09/21/20 07:34	09/22/20 01:52	1
13C8 PFOA	86		37 - 141	09/21/20 07:34	09/22/20 01:52	1
13C2 PFTeDA	76		10 - 158	09/21/20 07:34	09/22/20 01:52	1
13C7 PFUnA	83		33 - 148	09/21/20 07:34	09/22/20 01:52	1
13C3 PFBS	73		11 - 191	09/21/20 07:34	09/22/20 01:52	1
13C8 PFOS	80		42 - 136	09/21/20 07:34	09/22/20 01:52	1

Isotope Dilution Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C6PFDA (45-135)	PFDODA (20-148)	C4PFHA (34-143)	C3PFHS (38-144)	13C5PHA (30-143)	C9PFNA (36-151)	C8PFOA (37-141)	PFTDA (10-158)
410-14502-1	GW-3	77	80	76	70	64	94	83	69
410-14502-2	GW-4	81	84	94	92	83	77	88	59
410-14502-2 - DL	GW-4				72	77	78		
410-14502-3	GW-2	82	93	88	84	87	95	90	78
410-14502-3 - DL	GW-2								
410-14502-4	FBW-1	77	87	79	74	83	94	85	74
410-14502-5	RBW-1	83	86	77	75	84	95	86	76
LLCS 410-45861/2-A	Lab Control Sample	82	86	81	78	84	91	85	84
LLCSD 410-45861/3-A	Lab Control Sample Dup	80	86	81	77	84	88	88	76
MB 410-45861/1-A	Method Blank	80	84	80	75	80	89	84	75

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	13C7PUA (33-148)	C3PFBS (11-191)	C8PFOS (42-136)					
410-14502-1	GW-3	81	127	79					
410-14502-2	GW-4	86	136	80					
410-14502-2 - DL	GW-4			77					
410-14502-3	GW-2	83	102	80					
410-14502-3 - DL	GW-2			78					
410-14502-4	FBW-1	82	77	81					
410-14502-5	RBW-1	83	73	80					
LLCS 410-45861/2-A	Lab Control Sample	88	76	80					
LLCSD 410-45861/3-A	Lab Control Sample Dup	85	79	79					
MB 410-45861/1-A	Method Blank	82	78	79					

Surrogate Legend

C6PFDA = 13C6 PFDA
PFDODA = 13C2-PFDODA
C4PFHA = 13C4 PFHpA
C3PFHS = 13C3 PFHxS
13C5PHA = 13C5 PFHxA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
PFTDA = 13C2 PFTeDA
13C7PUA = 13C7 PFUnA
C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4

Lab Sample ID: MB 410-45861/1-A

Matrix: Water

Analysis Batch: 46206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/21/20 07:34	09/22/20 00:43	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	80		45 - 135	09/21/20 07:34	09/22/20 00:43	1
13C2-PFDoDA	84		20 - 148	09/21/20 07:34	09/22/20 00:43	1
13C4 PFHpA	80		34 - 143	09/21/20 07:34	09/22/20 00:43	1
13C3 PFHxS	75		38 - 144	09/21/20 07:34	09/22/20 00:43	1
13C5 PFHxA	80		30 - 143	09/21/20 07:34	09/22/20 00:43	1
13C9 PFNA	89		36 - 151	09/21/20 07:34	09/22/20 00:43	1
13C8 PFOA	84		37 - 141	09/21/20 07:34	09/22/20 00:43	1
13C2 PFTeDA	75		10 - 158	09/21/20 07:34	09/22/20 00:43	1
13C7 PFUnA	82		33 - 148	09/21/20 07:34	09/22/20 00:43	1
13C3 PFBS	78		11 - 191	09/21/20 07:34	09/22/20 00:43	1
13C8 PFOS	79		42 - 136	09/21/20 07:34	09/22/20 00:43	1

Lab Sample ID: LLCS 410-45861/2-A

Matrix: Water

Analysis Batch: 46206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45861

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid	5.66	5.71		ng/L		101	50 - 150
Perfluorodecanoic acid	6.40	6.79		ng/L		106	50 - 150
Perfluorododecanoic acid	6.40	7.07		ng/L		111	50 - 150
Perfluoroheptanoic acid	6.40	6.82		ng/L		107	50 - 150
Perfluorohexanesulfonic acid	6.05	5.52		ng/L		91	50 - 150
Perfluorohexanoic acid	6.40	6.01		ng/L		94	50 - 150
Perfluorononanoic acid	6.40	6.41		ng/L		100	50 - 150
Perfluorooctanesulfonic acid	6.12	5.58		ng/L		91	50 - 150
Perfluorooctanoic acid	6.40	6.50		ng/L		102	50 - 150
Perfluorotetradecanoic acid	6.40	6.98		ng/L		109	50 - 150
Perfluorotridecanoic acid	6.40	6.79		ng/L		106	50 - 150
Perfluoroundecanoic acid	6.40	6.34		ng/L		99	50 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C6 PFDA	82		45 - 135
13C2-PFDoDA	86		20 - 148
13C4 PFHpA	81		34 - 143
13C3 PFHxS	78		38 - 144

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QC Sample Results

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Method: T-WI21398 ver4 - SOP EPA 537 T-PFAS-WI21398 ver 4 (Continued)

Lab Sample ID: LLCS 410-45861/2-A

Matrix: Water

Analysis Batch: 46206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45861

Isotope Dilution	LLCS		Limits
	%Recovery	Qualifier	
13C5 PFHxA	84		30 - 143
13C9 PFNA	91		36 - 151
13C8 PFOA	85		37 - 141
13C2 PFTeDA	84		10 - 158
13C7 PFUnA	88		33 - 148
13C3 PFBS	76		11 - 191
13C8 PFOS	80		42 - 136

Lab Sample ID: LLCSD 410-45861/3-A

Matrix: Water

Analysis Batch: 46206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45861

Analyte	Spike Added	LLCSD Result	LLCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
Perfluorobutanesulfonic acid	5.66	5.67		ng/L		100	50 - 150		0.7	30
Perfluorodecanoic acid	6.40	6.82		ng/L		107	50 - 150		0.4	30
Perfluorododecanoic acid	6.40	6.83		ng/L		107	50 - 150		4	30
Perfluoroheptanoic acid	6.40	7.08		ng/L		111	50 - 150		4	30
Perfluorohexanesulfonic acid	6.05	5.81		ng/L		96	50 - 150		5	30
Perfluorohexanoic acid	6.40	6.30		ng/L		98	50 - 150		5	30
Perfluorononanoic acid	6.40	6.32		ng/L		99	50 - 150		1	30
Perfluorooctanesulfonic acid	6.12	5.45		ng/L		89	50 - 150		2	30
Perfluorooctanoic acid	6.40	5.79		ng/L		90	50 - 150		12	30
Perfluorotetradecanoic acid	6.40	7.05		ng/L		110	50 - 150		1	30
Perfluorotridecanoic acid	6.40	7.08		ng/L		111	50 - 150		4	30
Perfluoroundecanoic acid	6.40	6.36		ng/L		99	50 - 150		0.3	30

Isotope Dilution	LLCSD		Limits
	%Recovery	Qualifier	
13C6 PFDA	80		45 - 135
13C2-PFDoDA	86		20 - 148
13C4 PFHpA	81		34 - 143
13C3 PFHxS	77		38 - 144
13C5 PFHxA	84		30 - 143
13C9 PFNA	88		36 - 151
13C8 PFOA	88		37 - 141
13C2 PFTeDA	76		10 - 158
13C7 PFUnA	85		33 - 148
13C3 PFBS	79		11 - 191
13C8 PFOS	79		42 - 136

QC Association Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

LCMS

Prep Batch: 45861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-14502-1	GW-3	Total/NA	Water	T-WI21398 ver4	
410-14502-1 - RA	GW-3	Total/NA	Water	T-WI21398 ver4	
410-14502-2 - DL	GW-4	Total/NA	Water	T-WI21398 ver4	
410-14502-2	GW-4	Total/NA	Water	T-WI21398 ver4	
410-14502-3 - DL	GW-2	Total/NA	Water	T-WI21398 ver4	
410-14502-3	GW-2	Total/NA	Water	T-WI21398 ver4	
410-14502-4	FBW-1	Total/NA	Water	T-WI21398 ver4	
410-14502-5	RBW-1	Total/NA	Water	T-WI21398 ver4	
MB 410-45861/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	
LLCS 410-45861/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	
LLCSD 410-45861/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	

Analysis Batch: 46206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-14502-1	GW-3	Total/NA	Water	T-WI21398 ver4	45861
410-14502-3	GW-2	Total/NA	Water	T-WI21398 ver4	45861
410-14502-4	FBW-1	Total/NA	Water	T-WI21398 ver4	45861
410-14502-5	RBW-1	Total/NA	Water	T-WI21398 ver4	45861
MB 410-45861/1-A	Method Blank	Total/NA	Water	T-WI21398 ver4	45861
LLCS 410-45861/2-A	Lab Control Sample	Total/NA	Water	T-WI21398 ver4	45861
LLCSD 410-45861/3-A	Lab Control Sample Dup	Total/NA	Water	T-WI21398 ver4	45861

Analysis Batch: 49006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-14502-1 - RA	GW-3	Total/NA	Water	T-WI21398 ver4	45861
410-14502-2	GW-4	Total/NA	Water	T-WI21398 ver4	45861
410-14502-2 - DL	GW-4	Total/NA	Water	T-WI21398 ver4	45861
410-14502-3 - DL	GW-2	Total/NA	Water	T-WI21398 ver4	45861

Lab Chronicle

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Client Sample ID: GW-3

Date Collected: 09/17/20 08:30

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	T-WI21398 ver4			45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	46206	09/22/20 01:13	MT26	ELLE
Total/NA	Prep	T-WI21398 ver4	RA		45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4	RA	1	49006	09/30/20 13:12	PY4D	ELLE

Client Sample ID: GW-4

Date Collected: 09/17/20 09:00

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	T-WI21398 ver4			45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	49006	09/30/20 13:22	PY4D	ELLE
Total/NA	Prep	T-WI21398 ver4	DL		45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4	DL	10	49006	09/30/20 13:32	PY4D	ELLE

Client Sample ID: GW-2

Date Collected: 09/17/20 09:30

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	T-WI21398 ver4			45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	46206	09/22/20 01:32	MT26	ELLE
Total/NA	Prep	T-WI21398 ver4	DL		45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4	DL	10	49006	09/30/20 13:42	PY4D	ELLE

Client Sample ID: FBW-1

Date Collected: 09/17/20 08:10

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	T-WI21398 ver4			45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	46206	09/22/20 01:42	MT26	ELLE

Client Sample ID: RBW-1

Date Collected: 09/17/20 08:10

Date Received: 09/18/20 16:13

Lab Sample ID: 410-14502-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	T-WI21398 ver4			45861	09/21/20 07:34	W5MU	ELLE
Total/NA	Analysis	T-WI21398 ver4		1	46206	09/22/20 01:52	MT26	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Lancaster Laboratories Env, LLC

Accreditation/Certification Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-21

Method Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Method	Method Description	Protocol	Laboratory
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE
T-WI21398 ver4	SOP EPA 537 T-PFAS-WI21398 ver 4	ELLE - Lancaster	ELLE

Protocol References:

ELLE - Lancaster = Eurofins Lancaster, Facility Standard Operating Procedure.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Urban Engineers, Inc.
Project/Site: TTN Term Phase II

Job ID: 410-14502-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-14502-1	GW-3	Water	09/17/20 08:30	09/18/20 16:13	
410-14502-2	GW-4	Water	09/17/20 09:00	09/18/20 16:13	
410-14502-3	GW-2	Water	09/17/20 09:30	09/18/20 16:13	
410-14502-4	FBW-1	Water	09/17/20 08:10	09/18/20 16:13	
410-14502-5	RBW-1	Water	09/17/20 08:10	09/18/20 16:13	



Analysis Request/Chain of Custody

For Eurofins Lancaster Laboratories Environmental use only

COC #612777

[illegible]

Login Sample Receipt Checklist

Client: Urban Engineers, Inc.

Job Number: 410-14502-1

Login Number: 14502

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Rivera, Tatiana

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	