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UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED SUBSURFACE INVESTIGATION REPORT

CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA 47520

USEPA COOPERATIVE AGREEMENT NO. BF-00E02383-0

ATC PROJECT NO. 170IRPC08P

JANUARY 31, 2020

PREPARED FOR:

INDIANA 15 REGIONAL PLANNING COMMISSION
221 EAST FIRST STREET
FERDINAND, INDIANA 47532
ATTENTION: MS. LISA GEHLHAUSEN

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January 31, 2020

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Ms. Lisa Gehlhausen
Executive Director
Indiana 15 Regional Planning Commission
221 East First Street
Ferdinand, Indiana 47532

Re: **Underground Storage Tank Closure and**
Phase II Limited Subsurface Investigation Report
Can Clay Facility
402 Washington Street
Cannelton, Indiana 47520
ATC Project No. 170IRPC08P

Dear Ms. Gehlhausen:

ATC Group Services, LLC (ATC) is pleased to provide the Indiana 15 Regional Planning Commission with this report documenting the underground storage tank (UST) closure and subsurface investigation activities that were conducted at the Can Clay Facility (Site) located at 402 Washington Street in Cannelton, Indiana. The work performed, findings and conclusions are provided in this submittal.

The work and all documents prepared during this UST closure and subsurface investigation were funded through the Indiana 15 Regional Planning Commission, which received a U.S. Environmental Protection Agency (USEPA) Hazardous Substance and Petroleum Grant (USEPA Grant No. BF-00E02383-0).

We appreciate the opportunity to assist you with this project. If you have any questions concerning information contained in this letter, please do not hesitate to call either of the undersigned below.

Sincerely,

ATC Group Services LLC

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Executive Summary

ATC was retained by the Indiana 15 Regional Planning Commission to perform an Underground Storage Tank (UST) Closure and Phase II Limited Subsurface Investigation (LSI) at the Can Clay Facility (Site) located at 402 Washington Street in Cannelton, Indiana (Site). The purpose of this investigation was to determine if USTs were present beneath the Site and to evaluate the soil and groundwater quality for the presence of contaminants of concern (CoCs).

On August 21, 2019, Prism GeoImaging, Inc. conducted a geophysical survey for five (5) areas of the Site to determine if USTs are present beneath the Site. Based on the geophysical survey, three (3) USTs and one (1) subsurface anomaly (potential UST) were identified beneath the Site using ground penetrating radar (GPR) and EM-61 methods. Two (2) USTs were identified south of the maintenance garage and one (1) UST was identified southwest of the production building. The subsurface anomaly was identified southeast of the old machine shop near the location of gasoline tank depicted on a 1950 fire insurance map.

From October 28, 2019 through November 11, 2019, excavation activities were performed at the Site to remove two (2) USTs south of the maintenance garage and to further investigate the subsurface anomaly southeast of the old machine shop. The UST identified southwest of the production building was not removed due to safety restrictions including overhead utility lines and close proximity to the building. One (1) 10,000 gallon gasoline UST and one (1) 10,000 gallon diesel UST were removed from the Site on October 31, 2019 following liquid removal and cleaning operations. Twelve (12) confirmatory soil samples were collected from the side walls and base of the excavation prior to backfilling. No groundwater was encountered during UST removal activities. Based on observations made during the exploratory excavation, no UST was identified southeast of the old machine shop. Fill material including brick fragments were instead identified at this location.

From November 4, 2019 to January 14, 2020, soil and groundwater sampling activities were completed to evaluate the soil and groundwater quality beneath the Site. The Phase II LSI included the collection and analysis of sixty-four (64) soil samples and thirty-two (32) groundwater samples from thirty-two (32) soil borings/temporary monitoring wells advanced/installed at the Site.

Based on the soil analytical results of the UST confirmatory samples and Phase II LSI, multiple CoCs including arsenic, lead, selenium, benzo(a)pyrene, benzene, 1,3,5-trimethylbenzene (TMB), 1-methylnaphthalene, and naphthalene were identified in one (1) or more soil samples at concentrations exceeding their respective Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) residential direct contact or migration to groundwater (MTG) Screening Levels (SLs). Additionally, lead was detected in soil samples B-3 (0-2) and B-10 (0-2), and mercury in soil sample B-9 (2-4) at concentrations exceeding their respective RCG excavation direct contact SLs. Arsenic was detected above the RCG commercial/industrial direct contact SL of 30 milligrams per kilogram (mg/kg) in soil samples B-6 (0-2), B-7 (4-6), B-9 (2-4), and B-26 (0-2) at concentrations ranging from 31.5 to 236 mg/kg.

Based on the groundwater analytical results, 1,2,4-trimethylbenzene, 1-methylnapthalene, 2-methylnapthalene, naphthalene, arsenic, barium, chromium, and lead were detected in one (1) or more groundwater samples at concentrations in exceedance of their respective RCG residential Tap SLs. Additionally, naphthalene was detected at 219 micrograms per liter (µg/L) in the groundwater

sample collected from temporary well B-23, which exceeds the RCG residential vapor exposure SL of 110 µg/L.

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1 Site Ownership Information

1.1 Site Ownership Information

Facility Identification (FID) Number:	10265
Site Ownership:	City of Cannelton
Mailing Address:	210 South 8th Street
City, State, Zip Code:	Cannelton, Indiana 47520
County:	Perry
Area Code / Telephone Number:	(812) 547-8994
Contact Person:	Mr. Ralph Terry

1.2 Operator Information

The Site was most recently operated by Can Clay Corporation. The Site was primarily utilized for the manufacturing of clay pipe products from 1906 to 2019. The USTs beneath the Site were once used for fueling on-Site equipment and vehicles. The USTs have not been in use since 1988.

1.3 Past Owners / Operators

The Site is currently owned by the City of Cannelton. Notable past owners of the Site includes Cannelton Sewer Pipe (1906 to 1950s), Can-Tex (1950s to 1980), Can Clay Corporation (1980 to 2019), and Perry County Redevelopment Commission (tax delinquency). The USTs were reportedly installed in the 1960s.

1.4 Background Information

According to ATC's Phase I Environmental Site Assessment (ESA), dated October 22, 2019, the following *recognized environmental conditions* (*RECs*) or ASTM Non-Scope conditions were identified at the Site:

- Available fire insurance maps depict the Cannelton Sewer Pipe Company on the central portion of the Site from 1909 to 1950. Other facilities identified on the Site included a cotton batting mill (1886 to 1909), a machine shop and foundry (1886 to 1909), a railroad depot (1909 to 1950), an automotive repair shop and a gasoline tank in 1950. Notable surrounding facilities identified on available fire insurance maps included a Standard Oil Facility (1925 to 1950) on the north adjacent property and the Indiana Cotton Mill (1886 to 1950) on the south adjacent property. It should be noted that the Indiana Cotton Mill also used the east portion of the Site as a boiler house, a blacksmith shop, coal storage, and a warehouse until circa 1950. Past industrial uses, maintenance operations, and fueling operations associated with the Site and/or surrounding properties represent a *recognized environmental condition*.
- The Site was listed in the UST database as facility identification number 10265. One 10,000 gallon gasoline UST, one 10,000 gallon diesel UST, one 15,000 gallon diesel UST, and one 500 gallon acetone UST were listed as permanently out of service. No evidence of confirmatory

sampling associated with the UST closures was identified during the file review. Based on a Findings of Fact and Order, dated August 9, 1989, the IDEM observed fugitive sawdust on the Site (east portion) which extended across the property boundary. According to a Findings of Fact and Order, dated December 21, 1993, the IDEM observed a high opacity smoke carried by the wind that resulted in a downwash which carried at ground level onto an adjacent property. The Downtown Shell facility (south adjacent property) at 124 Fourth Street was listed in the UST database as FID number 11009. Three 4,000 gallon gasoline USTs and one 500 gallon used oil UST were reportedly closed in November 1988. No evidence of confirmatory sampling was identified regarding the closure of the gasoline USTs. The reported violations associated with stored sawdust debris and smoke emissions, and lack of closure documentation regarding the on-Site and south adjacent USTs represent *recognized environmental conditions*.

- Several pole and pad-mounted transformers, owned and operated by Can Clay Corporation, were observed on the Site. Stressed vegetation was observed beneath the transformers north of Adams Street near the former oil pump house. Stressed vegetation could be indicative of past leakage associated with the transformers. Stressed vegetation observed beneath on-Site transformers represents a *recognized environmental condition*.
- Multiple chemicals including dimethylaniline (DMA), cobalt, PolyLite® (resin), isopropanol, organic peroxide, Tolusol®, acetone, motor oil, hydraulic oil, and used oil were observed stored in various containers ranging from one gallon cans to 55-gallon drums. Multiple aboveground storage tanks (ASTs) were also observed on the Site storing elevator oil, used oil, hydraulic oil, and water. The majority of the containers and ASTs were observed in or near the production building, the tunnel kiln, and the maintenance shop. Poor housekeeping was observed on the Site with evidence of chemical spillage from past operations. Multiple containers were observed with no labels or lids on the Site. Staining was observed on the floors and pit areas of the facility buildings next to several observed containers, equipment, and production areas. Staining was also observed on exterior slab areas. Poor housekeeping associated with container storage and excessive staining in the facility buildings and exterior slab areas represents a *recognized environmental condition*.
- Miscellaneous debris including clay and pipe debris, abandoned equipment, and trash were observed across the Site. Evidence of poor housekeeping and waste mismanagement was observed throughout most of the facility. Fill piles consisting of clay, pipe, and sawdust debris were observed on the south end of the Site near the clay shed. Unknown fill material was also observed south of the maintenance shop. According to Mr. Lewis, the west portion of the Site near the Ohio River was used as a clay dump area. The observed miscellaneous debris across the Site represents a *recognized environmental condition*.
- ATC observed subgrade concrete pits beneath portions of the production building. A black material was observed in the pits. According to Mr. Lewis, the black material is a wood residue generated from past drying operations during pipe construction. The black material observed in the pit areas beneath the production building represents a *recognized environmental condition*.
- ATC observed multiple drains in the facility buildings and exterior slab areas. Black oily staining was observed on the concrete floor around floor drains in the maintenance shop. Staining was also observed around several drains in the production building and tunnel kiln. Mr. Lewis was unsure where the drains discharge, but assumed they would discharge to the sanitary sewer system. The oily staining near the floor drains constitutes a potential release to the sewer system and subsurface, which represents a *recognized environmental condition*.

- The following potential subsurface vapor migration sources are considered to represent a *recognized environmental condition*.
    - Past use of fuel USTs on the Site and south adjacent property and lack of closure documentation.
    - Past use of a fueling station, automotive repair shop, and maintenance garage on the Site.
    - Past use of multiple solvents at the facility and observed staining/poor housekeeping.
    - Past use of a bulk oil storage facility on the north adjacent property.
    - Past use of a parts washer and hydraulic equipment in the production building.
- Suspect asbestos containing materials (ACMs) were identified at the Site in the form of resilient floor tile, pipe insulation, ceiling tile, plaster, drywall, wall insulation, window glazing, and asphalt roofing. Suspect ACMs were observed to be in fair to good condition throughout the building. Based on the age of the Site buildings (10 of 11 buildings from ca. 1909 to 1969), ACMs are likely to be present at the Site.
- Based on the age of the buildings (10 of 11 buildings from ca. 1909 to 1969), there is a potential for lead-based paint to be present at the Site. Painted surfaces at the Site were observed in poor to fair condition.
- Based on observations made during the site reconnaissance, mold appears to be present on the Site.

2 Contractor Information

Contractor Information

UST Contractor Name:	Hoosier Equipment Service, Inc.
Mailing Address:	8966 Union Mills Drive
City, State, Zip Code:	Camby, Indiana 46113
Area Code / Telephone Number:	(317) 838-8988
Contact Person:	Mr. Brooks Farmer
OSFM Certification:	UC 20108500
Laboratory Name:	Pace Analytical Services, Inc.
Mailing Address:	7726 Moller Road
City, State, Zip Code:	Indianapolis, Indiana 46268
Area Code and Telephone Number:	(317) 228-3100
Contact Person:	Ms. Donna Spyker
Geophysical Contractor:	Prism GeoImaging, Inc.
Mailing Address:	11722 Allisonville Road, Suite 103 #144
City, State, Zip Code:	Indianapolis, Indiana 46038
Area Code and Telephone Number:	(317) 379-5796
Contact Person:	Mr. John Vanderlaan
Private Utility Locator:	American Locating Services, Inc.
Mailing Address:	120 E. Market Street, Suite 1243
City, State, Zip Code:	Indianapolis, Indiana 46204
Area Code and Telephone Number:	(317) 523-4265
Contact Person:	Mr. Jeff Clem

3 Site Information

Facility Information

Facility Name:	Can Clay Facility
Facility Identification (FID) Number:	10265
Facility Address:	402 Washington Street
City, State, Zip Code:	Cannelton, Indiana 47520
County:	Perry County
Area Code / Telephone Number:	None / Inactive

Facility Description

Past Operation:	Past operations include clay pipe manufacturing as well as on-Site fueling of equipment and vehicles. Two 10,000 gallon USTs formerly located south of the maintenance garage were used to store gasoline and diesel. One 15,000 gallon diesel (inactive) is located southwest of the production building and was used to store fuel oil for the building. A 500 gallon acetone UST was historically used on the Site, but was reportedly closed in place in 1988.
Current Operation:	The Site is currently an abandoned manufacturing facility consisting of over 30 acres of land in downtown Cannelton. The facility closed down operation in 2019. None of the USTs were reportedly used after 1988.
Coverage:	The majority of the Site is covered with mostly asphalt and concrete with some dense vegetation and trees in the clay dump area along the Ohio River. The areas excavated for investigation or removal of the USTs were backfilled with excavated soil or imported crushed stone.
Native Soil Texture:	Soils encountered during the Site activities were described using the Unified Soil Classification System (USCS). The soil beneath the surficial material (asphalt, concrete, stone, topsoil and/or fill material) consists of sandy clay (CL) at depths ranging from 0.5 to 33 feet below ground surface (bgs), clayey sand (SC) at depths ranging from 6 to 40 feet bgs, sandy silt (ML) at depths from 6 to 40 feet bgs, and sand (SP and SW) at depths ranging from 8 to 40 feet bgs.

3.1 Site Proximity to Both Human and Environmentally Sensitive Areas

The Site is bordered by residences to the north, west, and east with Cotton Mill Apartments, Bennett Early Learning Center and commercial land to the south. The Ohio River is located to the west of the Site beyond First Street and a concrete flood wall. The southwest portion (clay dump area) of the Site is located immediately adjacent to the Ohio River.

ATC performed a records review of available Indiana Department of Natural Resources, Division of Water (IDNR – DOW) water well logs to determine the presence of water wells in the vicinity of the Site. Based on this review, eight water wells were identified within a one-mile radius of the Site. These wells (well numbers 232522, 232532, 232537, 232542, 232547, 232606, 380799, and 380800) are installed at depths ranging from 53 to 118 feet bgs. It should be noted that wells 380799 and 380800 are significant withdrawal wells historically used by the City of Cannelton, and are located approximately 0.6 miles south-southeast of the Site.

The Bennett Early Learning Center (60 feet to the southeast) and Cannelton High School (280 feet to the southeast) were identified within one mile of the Site. The Site appears to be located in an environmentally sensitive area with close proximity to the Ohio River and nearby schools/residences. The Site does not appear to be located in a wellhead protection area.

3.2 Site-Specific Maps

The vicinity map is included as **Figure 1**. A Site plan depicting structures and soil boring locations is presented as **Figure 2**. A potentiometric surface map depicting groundwater flow direction is presented on **Figure 3**. Summaries of soil analytical results are presented on **Figures 4** and **5**, and a summary of groundwater analytical results is provided as **Figure 6**.

4 Geophysical Investigation

On August 21, 2019, Prism GeoImaging, Inc. conducted a geophysical survey for five (5) suspect areas identified from the Phase I ESA that may contain USTs. The following suspect areas were evaluated: two 10,000 gallon USTs reported south of the maintenance garage, one 15,000 gallon UST reported southwest of the production building, a 500 gallon UST reported along the north wall of the joint building (wedge lock), a potential gasoline UST reported near/under the tunnel kiln building, and a potential gasoline UST reported southeast of the old machine shop. Based on the geophysical survey, three (3) USTs and one (1) subsurface anomaly (potential UST) were identified beneath the Site using ground penetrating radar (GPR) and EM-61 methods. Two (2) USTs were identified south of the maintenance garage and one (1) UST was identified southwest of the production building. The subsurface anomaly was identified southeast of the old machine shop near the location of gasoline tank depicted on the 1950 fire insurance map. A map depicting the results of the geophysical survey is presented in **Appendix A**.

5 Underground Storage Tank Information

5.1 Historical UST Information

Past operations at the Site include fueling operations for on-Site equipment and vehicles from the 1960s to 1988. The Site contained its own pump dispensers and fuel storage USTs. The 10,000 gallon gasoline and diesel USTs were located south of the maintenance garage. The 15,000 gallon fuel oil UST was reportedly closed 1988, but is still located southwest of the production building. Due to safety restrictions associated with overhead utility lines and close proximity to the production building, the fuel oil UST was not removed as part of the UST closure activities. A 500 gallon acetone UST was reportedly closed-in-place in 1988, but was not identified during the geophysical survey. The following table summarizes reported USTs at the Site.

UST No.*	Installation Date	Volume (gallons)	Contents	Construction Material	UST Status	Method of Leak Detection	Date Closed
1*	01/01/1962	10,000	Gasoline	Steel	Removed	None	10/31/2019
2*	01/01/1962	10,000	Diesel	Steel	Removed	None	10/31/2019
3	01/01/1972	15,000	Fuel Oil**	Steel	On-Site / Inactive	Unknown	12/01/1988**
4	01/01/1968	500	Acetone**	Steel	Closed-In-Place**	Unknown	12/01/1988**

* - Tank number as it appears on the UST Notification Form.
** - Based on historical records and/or interviews of Site personnel.

5.2 Excavation and UST Removal Information

Prior to initiating the UST excavation activities, ATC contacted the Indiana Underground Plant Protection Service (IUPPS) to request that the member utilities identify the underground utility locations in the rights-of-way surrounding the Site. A private utility locate was also performed by Prism GeoImaging, Inc. for the UST locations and subsurface anomaly as discussed in Section 4.

From October 28, 2019 through November 11, 2019, excavation activities were completed at the Site by Hoosier Equipment Service, Inc. (Hoosier) to remove two (2) USTs south of the maintenance garage and to further investigate the subsurface anomaly southeast of the old machine shop. Once the USTs near the maintenance garage were uncovered and cut open, ATC observed sand/pea gravel in the USTs that appeared to be used as fill for an in-place closure in December 1988. ATC collected a sample of the sand/pea gravel fill and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) benzene using EPA SW-846 Method 8260 and TCLP lead using EPA SW-846 Method 6010 as required by the landfill prior to disposal. Based on the analytical results, the sand/pea gravel fill was considered non-hazardous waste and accepted for disposal at the Advanced Disposal Blackfoot Landfill.

One (1) 10,000 gallon gasoline UST and one (1) 10,000 gallon diesel UST were removed from the Site on October 31, 2019 following liquid removal and cleaning operations. Once the USTs were

removed from the Site, twelve (12) confirmatory soil samples were collected from the side walls and base of the UST excavation prior to backfilling. Imported commercial grade crushed stone and excavated overburden was used to backfill the UST excavation pit. No groundwater was encountered during UST removal activities.

Based on observations made during the exploratory excavation, no UST was identified southeast of the old machine shop. The UST identified southwest of the production building was not removed due to safety restrictions including overhead utility lines and close proximity to the building.

A copy of the UST Notification Form documenting the permanent closure of the USTs is provided in **Appendix B**. Photographic documentation of the UST removal activities is provided in **Appendix C**.

6 Site Investigation

6.1 UST Removal Confirmatory Soil Sampling

Following UST removal activities, twelve (12) confirmatory soil samples were collected from the sidewalls and base of the resulting excavation using the bucket of the contractor's excavator. The samples were collected so as to minimize the amount of sample that came into contact with the bucket of the excavator, thereby reducing the potential for cross-contamination.

Sidewall samples were collected at the approximate midpoint of the excavation wall at six (6) to eight (8) feet bgs, and base samples were collected from the bottom of the excavation at twelve (12) to sixteen (16) feet bgs. No groundwater was observed during the UST removal activities at the Site. Sampling equipment was decontaminated prior to use and between the collection of each sample using a Liquinox® solution followed by a tap water rinse.

Each soil sample was split into two aliquots – one for field screening and one for laboratory analysis. The field aliquots were placed into re-sealable plastic bags, allowed to warm to ambient temperatures, and field-screened for the presence of total photo-ionizable vapors (TPVs) in the field utilizing a photo-ionization detector (PID). The laboratory aliquots were collected directly from the bucket of the excavator and placed into laboratory-supplied containers. The laboratory aliquots were then placed in an ice-packed cooler and transported to Pace Analytical Inc. (Pace) of Indianapolis, Indiana using chain-of-custody protocol. Soil samples analyzed for volatile organic compounds (VOCs) were collected using Terra Core® Samplers, in accordance with United States Environmental Protection Agency (EPA) Method 5035A (Indiana Modified). A summary of the laboratory analytical methods used for the UST removal confirmation soil samples is provided below in **Section 6.3**.

The field screening results of the UST removal confirmation soil samples are summarized below:

Soil Vapor Screening Results (October 31, 2019)				
Sample Identification	**Pit Location**	**Sample Depth (feet)**	**Field Reading (TPVs – ppm)**	**Submitted for Laboratory Analysis (Y/N)**
SW-1	North wall	8	247	Y
SW-2	North wall	8	9,999	Y
SW-3	East wall	8	627	Y
SW-4	South wall	8	888	Y
SW-5	South wall	6	817	Y
SW-6	West wall	6	104	Y
SW-7	South wall	6	135	Y
SW-8	North wall	6	9,999	Y
SW-9	North wall	6	53	Y
Base 1	UST No.2 Base	16	587	Y
Base 2	UST No.1 Base	12	1,079	Y
Base 3	UST No.1 Base	12	2,576	Y

6.2 Phase II Limited Subsurface Investigation

Prior to initiating the Phase II LSI activities, ATC contacted the IUPPS to request identification of the underground utilities within the public right-of-way boundaries. A private utility locate was also performed by American Locating Services, Inc. on November 1, 2019 using GPR and EM-61 methods to clear boring locations regarding subsurface utilities within the facility.

From November 4, 2019 to January 14, 2020, a Phase II LSI was conducted to evaluate the soil and groundwater quality beneath the Site. The Phase II LSI included the collection and analysis of sixty-four (64) soil samples and thirty-two (32) groundwater samples from thirty-two (32) soil borings/ temporary monitoring wells (B-1 to B-32) advanced/installed at the Site.

Soil Sampling Activities

Soil borings were advanced initially using a stainless steel hand auger to a depth of 5 feet below ground surface (bgs). The soil borings were then extended to depths from 15 to 40 feet bgs using a track-mounted Geoprobe® drill rig.

An ATC geologist classified each soil sample collected during the advancement of the soil borings in accordance with the USCS, and visually inspected each soil sample in the field for physical evidence of environmental impact such as staining, odors, free product, etc. Upon collection, each soil sample was split into two aliquots; one for field inspection and headspace analysis, and the other for potential laboratory analysis. The field aliquots were placed into sealable plastic bags and allowed to warm to ambient temperature for headspace analysis for the emission of TPVs using a Mini-Rae® PID. The PID measured the TPVs in parts per million (ppm). The laboratory aliquots were collected directly from the Macro-core® samplers and hand auger using laboratory-supplied containers, labelled with a unique identification, placed in an ice-packed cooler and transported to Pace Analytical Services, Inc. located in Indianapolis, Indiana using appropriate chain-of-custody protocol. Soil samples to be analyzed for VOCs were collected directly from the Macro-core® samplers and hand auger using Terra Core® Samplers, in accordance with Method 5035A (Indiana Modified). The soil boring logs documenting the soil classification and field screening results are provided in **Appendix D**.

The soil samples retained for analysis included the surface interval (0-2 feet bgs) and the interval that exhibited the greatest potential for being impaired (i.e., highest TPV reading, staining, odors, etc.). Non-disposable sampling equipment was decontaminated between each sample interval using a Liquinox® solution followed by a tap water rinse. Once soil sampling activities were complete, the soil borings were converted into temporary wells to allow for the potential collection of groundwater samples. The temporary monitoring wells were constructed of 1.0-inch diameter PVC® casing with five (5) feet of 1.0-inch diameter, 0.010-inch slotted well screen.

Groundwater Sampling Activities

Groundwater sampling activities were conducted at the Site initially from November 20, 2019 to November 28, 2019. Nine (9) of the temporary wells (B-4 to B-7, B-9, B-14, B-15, B-26, B-32) did not have sufficient groundwater to allow for sample collection. Based on additional gauging completed by ATC on January 8, 2020, it was determined that groundwater had recharged into the nine (9) non-sampled wells which previously went dry. ATC returned to the Site on January 14, 2020 to collect groundwater samples from the remaining temporary wells.

Groundwater samples were collected from temporary monitoring wells B-1 through B-32 and submitted for laboratory analysis. The wells were opened and allowed to equilibrate to atmospheric pressure prior to gauging. The monitoring well network was gauged with a water level meter and/or oil/water interface probe, which measures depth to groundwater levels and/or liquid phase hydrocarbons (LPH) to the nearest 0.01-foot. The depth-to-groundwater level and LPH (if any) measurements were recorded on a groundwater sampling log. The depth-to-groundwater measurements (feet below top of monitoring well casing) from the January 8, 2020 monitoring event ranged from 5.68 feet (B-3) to 33.55 feet (B-30). The temporary monitoring wells were surveyed by Cash Waggner & Associates, PC from November 20, 2019 to November 26, 2019. Based on depth-to-water measurements and well survey measurements, groundwater flow beneath the Site is generally to the west. However, it should be noted that the Ohio River was in flood stage during the recent gauging event, which resulted in higher groundwater elevations in temporary monitoring wells closer to the river. A potentiometric surface map is provided as **Figure 3**.

A Geotech® bladder pump powered by a QED® MP-10 Controller was used to retrieve groundwater from the temporary wells. An Aquaread® AP-2000-D multi-parameter meter and flow through cell was used to measure water quality parameters on approximate five minute increments, as water was pumped through the flow through cell at each monitoring well location. The pump was gently lowered to the approximate mid-point of the well screen and the pump was started at an initial flow rate of 5 to 30 mL per cycle with 4 cycles per minute.

After placing the pump at the desired depth, a minimum of one purging volume (volume of bladder, flow through cell, and tubing) was removed before stabilization parameters were recorded. The water quality parameters used for determining stability and the stability criteria are provided in the table below. Stability is considered achieved when three consecutive measurements were within the stabilization criteria presented for each parameter below:

Stabilization Parameter	Stabilization Criteria
pH	+/- 0.1
Oxygen-Reduction Potential (ORP)	+/- 10 mev
Temperature	+/- 3%
Dissolved Oxygen	+/-10%
Conductivity	+/- 3%

Once the stability parameters were achieved, a groundwater sample was collected from each well. The groundwater sampling logs are provided in **Appendix E.**

All sample containers were labeled and placed in a cooler with ice and transported to Pace Analytical Services, Inc. with chain-of-custody documentation.

Groundwater sampling equipment that entered the monitoring wells or encountered groundwater, including the water level meter, the Geotech® sample pump, the Aquaread® AP-2000-D multi-parameter meter, and the flow through cell, were cleaned before each use with a Liquinox® solution and tap water wash followed by a distilled water rinse. Dedicated polyethylene tubing and Teflon® bladders were used during the groundwater sampling activities.

6.3 Laboratory Analysis

UST Confirmatory Samples

The twelve (12) discrete soil samples, one (1) matrix spike/matrix spike duplicate (MS/MSD) soil sample, and one (1) blind duplicate soil sample were analyzed for the following:

- VOCs in accordance with US EPA SW-846 Method 8260,
- Polynuclear Aromatic Hydrocarbons (PAHs) in accordance with US EPA SW-846 Method 8270 SIM, and
- Lead in accordance with US EPA SW-846 Method 6010B.

Phase II LSI Soil Samples

The sixty-four (64) discrete soil samples, four (4) MS/MSD soil samples, and four (4) duplicate soil samples were analyzed for the following:

- VOCs in accordance with US EPA SW-846 Method 8260,
- PAHs in accordance with US EPA SW-846 Method 8270 SIM, and
- Resource Conservation and Recovery Act (RCRA) Metals in accordance with US EPA SW-846 Method 6010B and 7470.

Sixteen (16) discrete soil samples and one (1) blind duplicate soil sample were also analyzed for polychlorinated biphenyls (PCBs) using US EPA SW-846 Method 8082.

Phase II LSI Groundwater Samples

The thirty-two (32) groundwater samples, two (2) MS/MSD groundwater samples, and two (2) duplicate groundwater samples were analyzed for the following:

- VOCs in accordance with US EPA SW-846 Method 8260,
- PAHs in accordance with US EPA SW-846 Method 8270 SIM, and
- RCRA Metals in accordance with US EPA SW-846 Method 6010B and 7470.

7 Sample Results Information

7.1 Soil Analytical Results

The analytical results were compared to the IDEM Remediation Closure Guide (RCG). The RCG Guidance provides a framework for contaminated sites in Indiana to gain closure through the IDEM. The soil samples collected at the Site were compared against four screening levels (SLs):

- Direct contact – residential,
- Direct contact – commercial/industrial,
- Direct contact – excavation, and
- Migration to groundwater (MTG) – residential

The analytical results of the soil samples collected as part of the Phase II LSI indicated that the following CoCs were detected at concentrations above their respective RCG SLs.

Compound of Concern	Sample Location(s)	Concentration(s) (mg/kg or ppm)	Compared to IDEM RCG Screening Levels
Volatile Organic Compounds			
1,3,5-TMB	SW-2 and SW-6	5.6 and 10.8	> MTGSL of 1.7
Benzene	SW-6	0.16	> MTGSL of 0.051
Polynuclear Aromatic Hydrocarbons			
1-Methylnaphthalene	SW-2	1.4	> MTGSL of 1.2
Benzo(a)pyrene	B-8 (2-4)	**2.4**	**> RDCSL of 1.5**
Naphthalene	SW-2, SW-6, B-4 (2-4), B-6 (0-2), B-8 (2-4), B-10 (2-4), B-18 (2-4), B-26 (0-2), B-29 (0-2)	0.12 to 3.3	> MTGSL of 0.11
Metals			
Arsenic	B-6 (0-2), B-7 (4-6), B-9 (2-4), B-26 (0-2)	**31.5 to 236**	**> IDCSL of 30**
	Twenty-five soil samples	**9.9 to 25**	**> RDCSL of 9.5**
	Twenty-six soil samples	6.1 to 9.2	> MTGSL of 5.9
Lead	B-3 (0-2) and B-10 (0-2)	**1,240 to 2,680**	**> EDCSL of 1,000**
	B-21 (2-4)	**633**	**> RDCSL of 400**
Mercury	B-9 (2-4)	**5.0**	**> EDCSL of 3.1**
Selenium	B-4 (2-4)	7.8	> MTGSL of 5.3

Notes:
> EDCSL = Exceeds the RCG Excavation Direct Contact Screening Level
> IDCSL = Exceeds the RCG Commercial/Residential Direct Contact Screening Level
> RDCSL = Exceeds the RCG Residential Direct Contact Screening Level
> MTGSL = Exceeds the RCG Residential Migration to Groundwater Screening Level

No other CoCs were detected above their respective RCG SLs and/or laboratory reporting levels in the soil samples collected at the Site. A summary of the soil analytical results compared to the RCG SLs is provided in **Tables 2** to **4**, and depicted on **Figures 4** and **5.** The laboratory reports and chain-of-custody documentation are presented in **Appendix F.**

7.2 Groundwater Analytical Results

The groundwater samples collected at the Site were compared against three IDEM RCG SLs:

- Direct contact (Tap) – residential,
- Vapor exposure – residential, and
- Vapor exposure – commercial/industrial.

According to the groundwater analytical results, the CoCs listed in the table below were detected at concentrations exceeding their respective RCG SLs.

Compound of Concern	Temporary Monitoring Well Location(s)	Concentration(s) (µg/L or ppb)	Compared to IDEM RCG Screening Levels
Volatile Organic Compounds			
1,2,4-TMB	B-32	132	> TAPSL of 56
Polynuclear Aromatic Hydrocarbons			
1-Methylnaphthalene	B-23 and B-32	25.8 to 76.5	> TAPSL of 11
2-Methylnaphthalene	B-23 and B-32	44.0 to 85.6	> TAPSL of 36
Naphthalene	B-23	**219**	**> VEGWRSL of 110**
	B-32	64.7	> TAPSL of 1.7
Metals			
Arsenic	B-1, B-13, B-16 to B-18, B-20, B-22 to B-25, B-27, B-28, B-31, B-32	10.4 to 236	> TAPSL of 10
Barium	B-18	2,250	> TAPSL of 2,000
Chromium	B-13, B-22, B-31	104 to 201	> TAPSL of 100
Lead	B-11, B-13, B-16, B-17, B-20, B-22, B-24, B-25, B-27, B-28, B-31, B-32	18 to 212	> TAPSL of 15

Notes:
> VEGWISL = Exceeds the RCG Commercial/Industrial Vapor Exposure Screening Level
> VEGWRSL = Exceeds the RCG Residential Vapor Exposure Screening Level
> TAPSL = Exceeds the RCG Residential Direct Contact (Tap) Screening Level

No other CoCs were detected above their respective RCG SLs and/or laboratory reporting levels in the groundwater samples collected at the Site. A summary of the groundwater analytical results compared to the RCG SLs is provided in **Table 5,** and depicted on **Figure 6.** The laboratory reports and chain-of-custody documentation are presented in **Appendix F.**

8 Miscellaneous Closure Documentation Information

UST removal activities were performed by Hoosier from October 28, 2019 to November 11, 2019. Following the removal of the USTs south of the maintenance garage, the excavation pit (L-shaped) measured approximately 46 feet long by 18 feet wide. The excavation was extended to a depth of approximately 12 feet bgs for west portion (UST No.1) and to approximately 16 feet bgs for east portion (UST No.2). The two 10,000 gallon USTs were transported to All Kinds of Scrap, Inc. in Cannelton, Indiana.

Approximately 76.77 tons of sand/gravel was cleaned out of the USTs prior to removal. The sand/gravel fill removed from the former USTs and approximately 35.88 tons of concrete rubble above the former USTs were transported to Advanced Disposal Blackfoot Landfill in Winslow, Indiana.

On October 30, 2019, approximately 4,200 gallons of liquid was pumped out of the former USTs by Future Environmental, Inc. and was disposed of at the Green for Life Environmental recycling facility in Indianapolis, Indiana.

Approximately 110 gallons of sludge was generated by Hoosier during cleaning of the former USTs and was disposed of at Southeast Berrien County Landfill in Buchanan, Michigan.

The soil overburden excavated during the UST removal and exploratory excavation southeast of the old machine shop was used as backfill in the open pits. Additionally, approximately 202.45 tons of commercial-grade (No.7 and No.53) crushed stone was used to backfill the UST excavation pit south of the maintenance garage.

Product piping and fill ports observed within the excavation above the former USTs were also removed from the Site. No additional piping was removed from outside the UST excavation.

Disposal documentation for the UST closure activities is provided in **Appendix G**.

9 Qualifications

This report is intended for the sole use of the Indiana 15 Regional Planning Commission and the City of Cannelton. The work performed in conjunction with this assessment, and the data developed, are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type, or at a location not investigated, nor against future operations or conditions.

The present study included collection and laboratory analysis of twelve (12) confirmatory soil samples from the UST excavation, and sixty-four (64) discrete soil samples and thirty-two (32) groundwater samples from thirty-two (32) borings at the Site. The conclusions drawn from this investigation are considered reliable; however, there may exist localized variations in subsurface conditions that have not been completely defined at this time.

Tables

Table 1: Summary of Monitoring Well Gauging Data
Table 2: Summary of Soil Analytical Results – UST Excavation
Table 3: Summary of Soil Analytical Results – Metals and VOCs
Table 4: Summary of Soil Analytical Results – PAHs
Table 5: Summary of Groundwater Analytical Results

Table 1

Summary of Gauging Data

Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Well ID	Gauging Date	Screen Interval (ft-bgs)	Top of Casing Elevation (ft)	Depth to Water (ft-TOC)	Depth to Product (ft-TOC)	Product Thickness (ft)	Groundwater Elevation (ft)
B-1	11/18/19	10-15	392.49	7.77	--	0.00	384.72
	01/08/20		392.49	6.92	--	0.00	385.57
B-2	11/18/19	15-20	389.87	11.08	--	0.00	378.79
	01/08/20		389.87	5.68	--	0.00	384.19
B-3	11/18/19	25-30	387.03	26.15	--	0.00	360.88
	01/08/20		387.03	14.44	--	0.00	372.59
B-4	11/18/19	25-30	390.59	29.42	--	0.00	361.17
	01/08/20		390.59	17.62	--	0.00	372.97
B-5	11/18/19	25-30	389.36	29.04	--	0.00	360.32
	01/08/20		389.36	16.30	--	0.00	373.06
B-6	11/18/19	25-30	392.16	29.45	--	0.00	362.71
	01/08/20		392.16	18.98	--	0.00	373.18
B-7	11/18/19	25-30	393.18	*Dry*			
	01/08/20		393.18	20.13	--	0.00	373.05
B-8	11/18/19	35-40	393.16	33.32	--	0.00	359.84
	01/08/20		393.16	19.90	--	0.00	373.26
B-9	11/18/19	25-30	393.89	*Dry*			
	01/08/20		393.89	20.68	--	0.00	373.21
B-10	11/18/19	35-40	395.34	35.31	--	0.00	360.03
	01/08/20		395.34	22.04	--	0.00	373.30
B-11	11/18/19	27-32	394.19	30.61	--	0.00	363.58
	01/08/20		394.19	23.88	--	0.00	370.31
B-12	11/18/19	35-40	395.50	35.52	--	0.00	359.98
	01/08/20		395.50	22.28	--	0.00	373.22
B-13	11/18/19	35-40	393.69	33.68	--	0.00	360.01
	01/08/20		393.69	20.54	--	0.00	373.15
B-14	11/18/19	25-30	394.79	29.22	--	0.00	365.57
	01/08/20		394.79	21.98	--	0.00	372.81
B-15	11/18/19	25-30	394.35	*Dry*			
	01/08/20		394.35	21.19	--	0.00	373.16
B-16	11/18/19	12-17	394.19	7.93	--	0.00	386.26
	01/08/20		394.19	7.20	--	0.00	386.99
B-17	11/18/19	28-33	393.06	28.99	--	0.00	364.07
	01/08/20		393.06	11.85	--	0.00	381.21
B-18	11/18/19	35-40	393.93	33.60	--	0.00	360.33
	01/08/20		393.93	20.78	--	0.00	373.15
B-19	11/18/19	35-40	392.89	32.75	--	0.00	360.14
	01/08/20		392.89	19.77	--	0.00	373.12
B-20	11/18/19	35-40	392.77	29.54	--	0.00	363.23
	01/08/20		392.77	18.40	--	0.00	374.37
B-21	11/20/19	35-40	393.70	28.73	--	0.00	364.97
	01/08/20		393.70	17.87	--	0.00	375.83
B-22	11/19/19	33-38	397.24	32.57	--	0.00	364.67
	01/08/20		397.24	25.36	--	0.00	371.88
B-23	11/19/19	25-30	400.27	19.70	--	0.00	380.57
	01/08/20		400.27	19.73	18.53	1.20	381.50
B-24	11/19/19	35-40	389.33	29.34	--	0.00	359.99
	01/08/20		389.33	16.30	--	0.00	373.03
B-25	11/19/19	35-40	394.52	33.30	--	0.00	361.22
	01/08/20		394.52	21.28	--	0.00	373.24
B-26	11/19/19	35-40	396.46	*Dry*			
	01/08/20		396.46	23.81	--	0.00	372.65
B-27	11/19/19	35-40	394.93	30.28	--	0.00	364.65
	01/08/20		394.93	20.94	--	0.00	373.99
B-28	11/19/19	35-40	394.75	34.45	--	0.00	360.30
	01/08/20		394.75	21.60	--	0.00	373.15
B-29	11/19/19	35-40	405.74	25.49	--	0.00	380.25
	01/08/20		405.74	25.59	--	0.00	380.15
B-30	11/19/19	35-40	407.07	30.21	--	0.00	376.86
	01/08/20		407.07	33.55	--	0.00	373.52
B-31	11/19/19	25-30	407.28	22.25	--	0.00	385.03
	01/08/20		407.28	27.41	--	0.00	379.87
B-32	11/19/19	35-40	406.79	33.10	--	0.00	373.69
	01/08/20		406.79	32.58	--	0.00	374.21

Notes :
- ft-bgs = feet below ground surface.
- ft-TOC = feet below top of casing.
- LNAPL correction factor of 0.80 used for groundwater elevation determination
- Top of Casing Elevation = Top of the PVC well casing compared to the North American Vertical Datum of 1988 (NAVD 88).
- Groundwater Elevation =Top of Casing Elevation - Depth to Groundwater

Table 2
Summary of Analytical Soil Results - UST Closure Samples
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Sample ID	Depth (feet bgs)	Date Collected	Lead (ppm)	Detected VOCs (ppm)													Detected PAHs (ppm)																
				1,2-Dichloropropane	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	1-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
IDEM Screening Soil Exposure Direct Contact Residential 2019			**400**	**22**	**180**	**28,000**	**85,000**	**17**	**81**	**270**	**820**	**260**	**110**	**140**	**260**	**NE**	**150**	**250**	**5,000**	**NE**	**25,000**	**15**	**1.5**	**15**	**NE**	**150**	**1500**	**1.5**	**3,400**	**3,400**	**15**	**53**	**NE**	**2,500**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019			**800**	**66**	**180**	**28,000**	**100,000**	**51**	**250**	**270**	**820**	**260**	**110**	**140**	**260**	**NE**	**150**	**390**	**45,000**	**NE**	**100,000**	**210**	**21**	**210**	**NE**	**2,100**	**21,000**	**21**	**30,000**	**30,000**	**210**	**170**	**NE**	**23,000**
IDEM Screening Soil Exposure Direct Contact Excavation 2019			**1,000**	**360**	**180**	**28,000**	**100,000**	**1,800**	**480**	**270**	**820**	**260**	**110**	**140**	**260**	**NE**	**150**	**390**	**100,000**	**NE**	**100,000**	**12,000**	**500**	**12,000**	**NE**	**100,000**	**100,000**	**1,200**	**68,000**	**68,000**	**12,000**	**3,100**	**NE**	**51,000**
IDEM Screening Groundwater Soil MTG Residential 2019			**270**	**0.033**	**1.7**	**23**	**57**	**0.051**	**16**	**15**	**14**	**200**	**64**	**210**	**25**	**NE**	**120**	**1.2**	**110**	**NE**	**1,200**	**2.1**	**4.7**	**60**	**NE**	**590**	**1800**	**19**	**1800**	**110**	**200**	**0.11**	**NE**	**260**
Base 1	16	10/31/2019	16.9	<0.0059	<0.0059	<0.030	<0.12	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	0.014	0.012	0.0097	0.0077	0.013	0.014	<0.0059	0.023	<0.0059	0.0062	<0.0059	0.012	0.020
Base 2	12	10/31/2019	32.6	<0.62	<0.62	<3.1	<12.3	<0.62	<0.62	<0.62	<0.62	<1.2	<0.62	<0.62	<0.62	<0.62	<0.62	0.015	0.0080	<0.0061	0.023	0.047	0.035	0.021	0.029	0.020	0.062	0.0086	0.051	0.0088	0.012	0.027	0.049	0.13
Base 3	12	10/31/2019	28.7	<0.0054	<0.0054	<0.027	<0.11	<0.0054	<0.0054	<0.0054	<0.0054	<0.011	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	0.027	<0.0061	<0.0061	<0.0061	<0.0061	0.0065	<0.0061	<0.0061	<0.0061	0.0062	<0.0061	<0.0061	<0.0061	<0.0061	0.033	0.0077	0.0064
Blind Duplicate			26.9	<0.0058	<0.0058	<0.029	<0.12	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058
SW-1	8	10/31/2019	10.5	<0.0063	<0.0063	0.050	0.24	<0.0063	<0.0063	<0.0063	<0.0063	<0.013	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	0.0081	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	0.010	<0.0068	<0.0068	<0.0068	0.014	0.0083
SW-2	8	10/31/2019	11.4	0.011	**5.6**	<0.028	<0.11	<0.0057	2.1	0.13	<0.0057	3.3	<0.0057	0.22	1.9	0.092	0.12	**1.4**	0.089	0.021	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	0.0070	<0.0066	0.015	0.15	<0.0066	**0.87**	0.21	0.031
SW-3	8	10/31/2019	11.6	<0.0050	0.017	<0.025	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	0.012	<0.0050	0.0061	<0.0050	<0.0050	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064
SW-4	8	10/31/2019	25.4	<0.0042	<0.0042	<0.021	<0.083	<0.0042	<0.0042	<0.0042	<0.0042	<0.0083	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.012	<0.012	<0.012	0.012	0.044	0.041	0.027	0.021	0.036	0.044	<0.012	0.044	<0.012	0.018	<0.012	0.022	0.046
SW-5	6	10/31/2019	13.8	<0.0057	<0.0057	<0.029	<0.11	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063
SW-6	6	10/31/2019	88.1	<0.0055	**10.8**	<0.027	<0.11	**0.16**	10.7	0.12	0.051	41.8	<0.0055	0.18	5.1	0.027	0.034	1.2	0.019	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	0.024	<0.0063	**3.3**	0.014	<0.0063
SW-7	6	10/31/2019	10.6	<0.0052	<0.0052	<0.026	<0.10	<0.0052	<0.0052	<0.0052	<0.0052	<0.010	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
SW-8	6	10/31/2019	19.8	<0.0055	<0.0055	<0.027	<0.11	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0063	<0.0063	<0.0063	<0.0063	0.010	0.0080	0.0067	<0.0063	0.0080	0.010	<0.0063	0.015	<0.0063	<0.0063	<0.0063	0.012	0.013
SW-9	6	10/31/2019	21.5	<0.0047	<0.0047	<0.024	<0.094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	0.022	<0.0061	<0.0061	<0.0061	0.012	0.011	0.010	0.0066	0.011	0.013	<0.0061	0.017	<0.0061	<0.0061	0.022	0.014	0.017
Trip Blank	--	10/31/2019	NA*	<0.0050	<0.0050	<0.025	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*

Notes:
- NA* = Not Analyzed / NE = Not Established
- Soil samples were analyzed for volatile organic compounds (VOCs) using EPA SW-846 Method 8260, polynuclear aromatic hydrocarbons (PAHs) using EPA SW 846 Method 8270 SIM, and lead using EPA SW-846 Method 6010B.
- Analytes not listed in the table were not detected above their respective laboratory reporting levels.
- Analytical results presented in milligrams per kilogram (mg/kg) or parts per million (ppm).

BOLD	= Concentrations above their respective RCG Residential Migration to Groundwater Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Residential Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Commercial/Industrial Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Excavation Direct Contact Screening Levels (updated in March 2019).

Table 3
Summary of Analytical Soil Results - Metals and VOCs
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Parameter	Date Collected	Detected Metals (ppm)							Detected VOCs (ppm)						
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	1,1,1-Trichloroethane	2-Butanone (MEK)	Carbon disulfide	Tetrachloroethene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**9.5**	**21,000**	**99**	**100,000**	**400**	**3.1**	**550**	**640**	**28,000**	**740**	**110**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**30**	**100,000**	**980**	**100,000**	**800**	**3.1**	**5,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**920**	**100,000**	**1900**	**100,000**	**1,000**	**3.1**	**9,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Groundwater Soil MTG Residential 2019		**5.9**	**1,700**	**7.5**	**1,000,000**	**270**	**2.1**	**5.3**	**1.4**	**23**	**4.8**	**0.045**	**64**	**25**	**120**
B-1 (0-2)	11/4/2019	**24.1**	84.6	<0.56	12.2	24.6	<0.25	2.3	<0.0072	<0.036	<0.014	<0.0072	<0.0072	<0.0072	<0.0072
B-1 (6-8)	11/4/2019	**8.0**	33.2	<0.69	11.9	23.5	<0.26	<1.4	<0.0070	<0.035	<0.014	<0.0070	<0.0070	<0.0070	<0.0070
B-2 (2-4)	11/4/2019	**9.0**	69.4	<0.48	6.3	14.2	<0.21	<0.97	<0.0046	<0.023	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046
B-2 (12-14)	11/4/2019	**7.8**	92.6	<0.56	16.3	10.5	<0.24	<1.1	<0.0053	<0.026	<0.011	<0.0053	<0.0053	<0.0053	<0.0053
B-3 (0-2)	11/4/2019	**19.0**	86.5	3.0	10.6	**1,240**	<0.24	2.0	<0.0067	<0.034	<0.013	<0.0067	<0.0067	<0.0067	<0.0067
B-3 (24-26)	11/4/2019	**6.1**	73.5	<0.51	12.9	9.5	<0.22	<1.0	<0.0047	<0.023	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047
Blind Duplicate 1	11/4/2019	**6.6**	85.3	<0.55	11.2	9.1	<0.25	<1.1	<0.0058	<0.029	<0.012	<0.0058	<0.0058	<0.0058	<0.0058
B-4 (2-4)	11/4/2019	**25.0**	86.3	<0.55	18.9	12.2	<0.25	**7.8**	<0.0075	<0.038	<0.015	<0.0075	<0.0075	<0.0075	<0.0075
B-4 (12-14)	11/4/2019	**7.9**	77.3	<0.56	15.3	12.1	<0.23	<1.1	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
B-5 (0-2)	11/4/2019	**7.9**	93.2	1.0	21.5	34.0	<0.25	<1.2	<0.0055	<0.028	<0.011	<0.0055	<0.0055	<0.0055	<0.0055
B-5 (12-14)	11/4/2019	**7.1**	96.9	<0.51	15.1	10.5	<0.23	<1.0	<0.0053	<0.026	<0.011	<0.0053	<0.0053	<0.0053	<0.0053
B-6 (0-2)	11/5/2019	**35.2**	182	<0.52	11.8	75.2	<0.23	<1.0	<0.0049	<0.024	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049
B-6 (16-18)	11/5/2019	**6.8**	79.1	<0.52	12.9	9.8	<0.24	<1.0	<0.0052	<0.026	<0.010	<0.0052	<0.0052	<0.0052	<0.0052
B-7 (4-6)	11/5/2019	**236**	123	<0.59	17.9	37.9	<0.27	2.0	<0.0067	<0.033	<0.013	0.038	<0.0067	<0.0067	<0.0067
B-7 (24-26)	11/5/2019	**8.3**	105	<0.57	16.6	11.1	<0.23	<1.1	<0.0058	<0.029	<0.012	0.0061	<0.0058	<0.0058	<0.0058
B-8 (2-4)	11/5/2019	**16.6**	147	0.68	19.6	104	<0.26	<1.1	<0.0055	<0.028	<0.011	<0.0055	<0.0055	<0.0055	<0.0055
B-8 (20-22)	11/5/2019	**6.6**	82.2	<0.53	13.0	9.5	<0.25	<1.1	<0.0049	<0.024	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049
B-9 (2-4)	11/5/2019	**56.2**	49.4	<0.59	11.8	67.4	**5.0**	4.0	<0.0083	<0.042	<0.017	<0.0083	<0.0083	<0.0083	<0.0083
B-9 (20-22)	11/5/2019	4.8	82.2	<0.55	11.8	9.1	<0.23	<1.1	<0.0051	<0.026	<0.010	<0.0051	<0.0051	<0.0051	<0.0051
B-10 (0-2)	11/5/2019	**7.5**	366	2.3	42.3	**2,680**	<0.23	<1.1	<0.0044	<0.022	<0.0087	<0.0044	<0.0044	<0.0044	<0.0044
B-10 (2-4)	11/5/2019	**14.5**	75.1	0.74	8.9	52.9	<0.22	1.4	<0.0090	<0.045	<0.018	<0.0090	<0.0090	<0.0090	<0.0090
B-11 (0-2)	11/5/2019	**10.4**	190	0.88	21.0	46.4	<0.24	<1.2	<0.0082	<0.041	<0.016	<0.0082	<0.0082	<0.0082	<0.0082
B-11 (24-26)	11/5/2019	**11.0**	108	<0.59	14.1	32.1	<0.26	<1.2	<0.0053	<0.026	<0.011	<0.0053	<0.0053	<0.0053	<0.0053
B-12 (0-2)	11/5/2019	**19.7**	161	0.76	25.2	96.8	0.28	<1.1	<0.0060	<0.030	0.012	<0.0060	<0.0060	<0.0060	<0.0060
B-12 (28-30)	11/5/2019	**8.3**	125	<0.46	7.7	3.0	<0.22	<0.92	<0.0046	<0.023	<0.0093	<0.0046	<0.0046	<0.0046	<0.0046
B-13 (0-2)	11/5/2019	**10.8**	61.3	<0.52	12.2	10.4	<0.24	<1.0	<0.0056	<0.028	<0.011	<0.0056	<0.0056	<0.0056	<0.0056
B-13 (28-30)	11/5/2019	**9.2**	88.8	<0.46	6.1	3.3	<0.22	<0.91	<0.0045	<0.023	<0.0091	<0.0045	<0.0045	<0.0045	<0.0045
B-14 (0-2)	11/5/2019	**11.0**	67.3	<0.49	10.4	10.9	<0.21	<0.98	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
B-14 (28-30)	11/5/2019	**6.6**	80.2	0.56	13.2	9.4	<0.24	<1.0	<0.0055	<0.027	<0.011	<0.0055	<0.0055	<0.0055	<0.0055
B-15 (0-2)	11/6/2019	**9.9**	108	<0.56	12.5	3.4	<0.24	<1.1	<0.0063	<0.032	<0.013	<0.0063	<0.0063	<0.0063	<0.0063

Table 3
Summary of Analytical Soil Results - Metals and VOCs
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Parameter	Date Collected	Detected Metals (ppm)							Detected VOCs (ppm)						
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	1,1,1-Trichloroethane	2-Butanone (MEK)	Carbon disulfide	Tetrachloroethene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**9.5**	**21,000**	**99**	**100,000**	**400**	**3.1**	**550**	**640**	**28,000**	**740**	**110**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**30**	**100,000**	**980**	**100,000**	**800**	**3.1**	**5,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**920**	**100,000**	**1900**	**100,000**	**1,000**	**3.1**	**9,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Groundwater Soil MTG Residential 2019		**5.9**	**1,700**	**7.5**	**1,000,000**	**270**	**2.1**	**5.3**	**1.4**	**23**	**4.8**	**0.045**	**64**	**25**	**120**
B-15 (6-8)	11/6/2019	**18.6**	38.1	<0.59	16.1	9.5	<0.27	<1.2	<0.0056	<0.028	<0.011	<0.0056	<0.0056	<0.0056	<0.0056
B-16 (0-2)	11/6/2019	**8.5**	85.3	<0.57	14.3	7.5	<0.24	<1.1	<0.0065	<0.032	<0.013	<0.0065	<0.0065	<0.0065	<0.0065
Blind Duplicate 2	11/6/2019	**10.5**	83.3	<0.53	14.7	7.0	<0.22	<1.1	<0.0060	<0.030	<0.012	<0.0060	<0.0060	<0.0060	<0.0060
B-16 (7-9)	11/6/2019	**18.4**	66.7	<0.58	9.7	24.6	<0.23	<1.2	<0.0059	<0.030	<0.012	<0.0059	<0.0059	<0.0059	<0.0059
B-17 (8-10)	11/6/2019	**16.0**	87.0	<0.59	11.1	26.3	<0.26	<1.2	<0.0057	<0.028	<0.011	<0.0057	<0.0057	<0.0057	<0.0057
B-17 (18-20)	11/6/2019	**8.0**	45.2	<0.60	16.6	11.7	<0.24	<1.2	<0.0054	<0.027	<0.011	<0.0054	<0.0054	<0.0054	<0.0054
B-18 (2-4)	11/7/2019	**23.2**	51.9	<0.51	10.1	16.8	<0.24	1.6	<0.0094	<0.047	<0.019	<0.0094	<0.0094	<0.0094	<0.0094
B-18 (33-35)	11/7/2019	4.7	150	<0.47	6.3	2.3	<0.21	<0.94	<0.54	<2.7	<1.1	<0.54	<0.54	<0.54	<0.54
B-19 (2-4)	11/7/2019	**7.9**	113	<0.58	14.5	19.7	<0.24	<1.2	<0.0067	<0.034	<0.013	<0.0067	<0.0067	<0.0067	<0.0067
B-19 (6-8)	11/7/2019	**9.1**	189	<0.60	18.5	14.5	<0.25	<1.2	<0.32	<1.6	<0.64	<0.32	<0.32	<0.32	<0.32
B-20 (0-2)	11/7/2019	**14.4**	100	<0.54	9.9	54.1	<0.22	<1.1	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
Blind Duplicate 3	11/7/2019	**21.3**	138	0.73	15.5	98.7	<0.22	<1.0	<0.0047	<0.023	<0.0094	<0.0047	<0.0047	<0.0047	<0.0047
B-20 (36-38)	11/7/2019	2.9	96.5	<0.64	14.2	9.8	<0.25	<1.3	<0.0049	<0.024	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049
B-21 (2-4)	11/8/2019	**19.2**	58.8	<0.55	11.2	**633**	<0.23	<1.1	<0.010	<0.052	<0.021	<0.010	<0.010	<0.010	<0.010
B-21 (22-24)	11/8/2019	5.7	151	<0.54	17.1	7.8	<0.24	<1.1	<0.0054	<0.027	<0.011	<0.0054	<0.0054	<0.0054	<0.0054
B-22 (0-2)	11/8/2019	**7.9**	219	<0.54	23.5	28.4	<0.23	<1.1	<0.0070	<0.035	<0.014	<0.0070	<0.0070	<0.0070	<0.0070
Blind Duplicate 4	11/8/2019	**7.5**	215	<0.55	20.6	26.3	<0.23	<1.1	<0.0085	<0.042	<0.017	<0.0085	<0.0085	<0.0085	<0.0085
B-22 (8-10)	11/8/2019	**13.3**	86.7	<0.53	9.3	8.0	<0.24	<1.1	<0.0051	0.028	<0.010	<0.0051	<0.0051	<0.0051	<0.0051
B-23 (0-2)	11/8/2019	3.1	336	<0.50	17.8	9.3	<0.21	<0.99	<0.0054	<0.027	<0.011	<0.0054	<0.0054	<0.0054	<0.0054
B-23 (18-20)	11/8/2019	5.4	13.6	<0.45	4.5	4.4	<0.21	<0.90	<0.27	<1.3	<0.54	<0.27	0.38	0.27	0.82
B-24(0-2)	11/8/2019	**8.6**	162	<0.57	15.7	40.7	<0.23	<1.1	<0.0065	<0.032	<0.013	<0.0065	<0.0065	<0.0065	<0.0065
B-24 (24-26)	11/8/2019	3.9	33.3	<0.48	13.0	3.7	<0.22	<0.96	<0.0050	<0.025	<0.0099	<0.0050	<0.0050	<0.0050	<0.0050
B-25 (0-2)	11/8/2019	3.6	28.2	<0.48	12.3	7.5	<0.23	<0.95	<0.0055	<0.027	<0.011	<0.0055	<0.0055	<0.0055	<0.0055
B-25 (31-33)	11/8/2019	**6.7**	86.3	<0.49	14.9	7.3	<0.22	<0.98	<0.0053	<0.026	<0.011	<0.0053	<0.0053	<0.0053	<0.0053
B-26 (0-2)	11/11/2019	**31.5**	100	<0.58	11.1	47.0	<0.24	2.3	<0.0072	<0.036	<0.014	<0.0072	<0.0072	<0.0072	<0.0072
B-26 (22-24)	11/11/2019	**8.4**	182	<0.57	17.0	10.3	<0.24	<1.1	<0.0057	<0.029	<0.011	<0.0057	<0.0057	<0.0057	<0.0057
B-27 (0-2)	11/11/2019	**14.2**	105	<0.53	14.0	18.8	<0.23	<1.1	<0.0062	<0.031	<0.012	<0.0062	<0.0062	<0.0062	<0.0062
B-27 (18-20)	11/11/2019	**7.7**	113	<0.53	15.7	11.5	<0.26	<1.1	<0.0054	<0.027	<0.011	<0.0054	<0.0054	<0.0054	<0.0054
B-28 (0-2)	11/11/2019	**11.4**	180	<0.51	16.9	34.0	<0.20	<1.0	<0.0064	<0.032	<0.013	<0.0064	<0.0064	<0.0064	<0.0064
B-28 (20-22)	11/11/2019	**9.1**	105	<0.57	19.0	12.6	<0.23	<1.1	<0.0058	<0.029	<0.012	<0.0058	<0.0058	<0.0058	<0.0058

Table 3
Summary of Analytical Soil Results - Metals and VOCs
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Parameter	Date Collected	Detected Metals (ppm)							Detected VOCs (ppm)						
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	1,1,1-Trichloroethane	2-Butanone (MEK)	Carbon disulfide	Tetrachloroethene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**9.5**	**21,000**	**99**	**100,000**	**400**	**3.1**	**550**	**640**	**28,000**	**740**	**110**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**30**	**100,000**	**980**	**100,000**	**800**	**3.1**	**5,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**920**	**100,000**	**1900**	**100,000**	**1,000**	**3.1**	**9,800**	**640**	**28,000**	**740**	**170**	**110**	**260**	**150**
IDEM Screening Groundwater Soil MTG Residential 2019		**5.9**	**1,700**	**7.5**	**1,000,000**	**270**	**2.1**	**5.3**	**1.4**	**23**	**4.8**	**0.045**	**64**	**25**	**120**
B-29 (0-2)	11/11/2019	**20.1**	98.7	1.2	13.9	57.4	<0.24	2.1	0.026	<0.029	<0.012	<0.0059	<0.0059	<0.0059	<0.0059
B-29 (24-26)	11/11/2019	**7.0**	13.9	<0.45	4.2	5.0	<0.20	<0.91	<0.0055	<0.027	<0.011	<0.0055	<0.0055	<0.0055	<0.0055
B-30 (0-2)	11/11/2019	**14.3**	84.7	1.6	21.4	130	<0.24	<1.1	<0.0062	<0.031	<0.012	<0.0062	<0.0062	<0.0062	<0.0062
B-30 (26-28)	11/11/2019	**6.4**	20.7	<0.46	8.1	4.8	<0.21	<0.91	<0.0044	<0.022	<0.0088	<0.0044	<0.0044	<0.0044	<0.0044
B-31 (0-2)	11/11/2019	**15.0**	110	<0.53	16.9	49.0	<0.24	<1.1	<0.0057	<0.029	<0.011	<0.0057	<0.0057	<0.0057	<0.0057
B-31 (8-10)	11/11/2019	**10.4**	35.6	<0.55	9.6	8.6	<0.24	<1.1	<0.0064	<0.032	<0.013	<0.0064	<0.0064	<0.0064	<0.0064
B-32 (0-2)	11/11/2019	**14.3**	54.7	<0.53	15.5	12.6	<0.24	<1.1	<0.0049	<0.025	<0.0099	<0.0049	<0.0049	<0.0049	<0.0049
B-32 (24-26)	11/11/2019	5.8	20.0	<0.50	25.3	4.5	<0.22	<1.0	<0.0046	<0.023	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046
TB1	11/5/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
Trip Blank 2	11/6/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
TB3	11/7/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<0.025	<0.12	<0.050	<0.025	<0.025	<0.025	<0.025
Trip Blank	11/8/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
TB5 (TB4)	11/11/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<0.0050	<0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050

Notes:
- NA* = Not Analyzed
- Soil samples were analyzed for volatile organic compounds (VOCs) using EPA SW-846 Method 8260, polychlorinated biphenyls (PCBs) using EPA SW 846 Method 8082 (select sample locations), and RCRA Metals using EPA SW-846 Methods 6010B and 7470.
- Analytes not listed in the table were not detected above their respective laboratory reporting levels.
- Analytical results presented in milligrams per kilogram (mg/kg) or parts per million (ppm).

BOLD	= Concentrations above their respective RCG Residential Migration to Groundwater Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Residential Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Commercial/Industrial Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Excavation Direct Contact Screening Levels (updated in March 2019).

Table 4
Summary of Analytical Soil Results - PAHs
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Parameter	Date Collected	Detected PAHs (ppm)																	
		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**250**	**340**	**5,000**	**NE**	**25,000**	**15**	**1.5**	**15**	**NE**	**150**	**1,500**	**1.5**	**3,400**	**3,400**	**15**	**53**	**NE**	**2,500**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**390**	**3,000**	**45,000**	**NE**	**100,000**	**210**	**21**	**210**	**NE**	**2,100**	**21,000**	**21**	**30,000**	**30,000**	**210**	**170**	**NE**	**23,000**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**390**	**6,800**	**100,000**	**NE**	**100,000**	**12,000**	**500**	**12,000**	**NE**	**100,000**	**100,000**	**1,200**	**68,000**	**68,000**	**12,000**	**3,100**	**NE**	**51,000**
IDEM Screening Groundwater Soil MTG Residential 2019		**1.2**	**3.7**	**110**	**NE**	**1,200**	**2.1**	**4.7**	**60**	**NE**	**590**	**1,800**	**19**	**1,800**	**110**	**200**	**0.11**	**NE**	**260**
B-1 (0-2)	11/4/2019	0.024	0.027	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.011	<0.0060	0.024	<0.0060	<0.0060	0.058	0.042	0.015
B-1 (6-8)	11/4/2019	0.012	0.012	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	0.011	<0.0070	<0.0070	0.016	0.033	0.0097
B-2 (2-4)	11/4/2019	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	0.032	<0.027	<0.027	<0.027	0.063	0.031
B-2 (12-14)	11/4/2019	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063
B-3 (0-2)	11/4/2019	0.089	0.12	<0.030	<0.030	0.030	0.041	0.031	0.030	<0.030	<0.030	0.054	<0.030	0.084	<0.030	<0.030	0.036	0.25	0.083
B-3 (24-26)	11/4/2019	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	0.0077	<0.0056
Blind Duplicate 1		<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
B-4 (2-4)	11/4/2019	0.16	0.17	<0.0064	0.020	0.013	0.011	<0.0064	<0.0064	<0.0064	<0.0064	0.013	<0.0064	0.022	<0.0064	<0.0064	**0.12**	0.12	0.028
B-4 (12-14)	11/4/2019	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
B-5 (0-2)	11/4/2019	0.035	0.042	<0.0061	0.0076	0.0089	0.040	0.045	0.046	0.031	0.039	0.049	0.011	0.065	<0.0061	0.025	0.043	0.046	0.059
B-5 (12-14)	11/4/2019	0.059	0.056	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	0.039	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
B-6 (0-2)	11/5/2019	0.079	0.092	<0.028	0.042	0.048	0.072	0.047	0.064	0.049	0.054	0.12	<0.028	0.16	<0.028	<0.028	**0.13**	0.26	0.15
B-6 (16-18)	11/5/2019	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
B-7 (4-6)	11/5/2019	0.083	0.095	<0.034	<0.034	<0.034	<0.034	<0.034	0.034	<0.034	<0.034	0.052	<0.034	0.071	<0.034	<0.034	0.058	0.18	0.064
B-7 (24-26)	11/5/2019	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062
B-8 (2-4)	11/5/2019	0.25	0.25	0.16	0.32	0.47	1.9	**2.4**	2.7	1.7	2.2	2.9	0.51	6.8	0.16	1.6	**0.24**	4.8	5.7
B-8 (20-22)	11/5/2019	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	0.0079	<0.0059
B-9 (2-4)	11/5/2019	<0.049	<0.049	<0.049	0.068	<0.049	0.15	0.14	0.13	0.12	0.15	0.16	<0.049	0.27	<0.049	0.10	<0.049	0.11	0.24
B-9 (20-22)	11/5/2019	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
B-10 (0-2)	11/5/2019	<0.029	<0.029	0.034	<0.029	0.14	0.41	0.41	0.43	0.30	0.44	0.47	0.11	0.96	0.033	0.27	<0.029	0.49	0.78
B-10 (2-4)	11/5/2019	0.68	0.79	0.096	0.071	0.20	0.38	0.19	0.19	0.20	0.18	0.58	0.079	0.61	0.10	0.10	**0.38**	1.6	1.3
B-11 (0-2)	11/5/2019	0.069	0.092	<0.031	<0.031	<0.031	0.061	0.059	0.055	0.058	0.058	0.077	<0.031	0.11	<0.031	0.034	0.051	0.15	0.12
B-11 (24-26)	11/5/2019	0.013	0.018	<0.0062	<0.0062	0.033	0.075	0.053	0.042	0.028	0.042	0.073	0.012	0.11	0.0097	0.020	0.0097	0.11	0.11
B-12 (0-2)	11/5/2019	0.076	0.092	<0.029	<0.029	<0.029	0.078	0.059	0.064	0.047	0.056	0.11	<0.029	0.13	<0.029	0.033	0.036	0.21	0.15
B-12 (28-30)	11/5/2019	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	0.0066	<0.0052
B-13 (0-2)	11/5/2019	<0.0059	0.0066	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	0.017	<0.0059
B-13 (28-30)	11/5/2019	0.0068	0.019	0.0080	<0.0053	0.020	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	0.0065	0.014	<0.0053	0.036	0.025	<0.0053
B-14 (0-2)	11/5/2019	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	0.0059	<0.0054	0.0060	<0.0054	0.0060	<0.0054	<0.0054	<0.0054	0.016	0.0067
B-14 (28-30)	11/5/2019	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
B-15 (0-2)	11/6/2019	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060

Table 4
Summary of Analytical Soil Results - PAHs
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

Parameter	Date Collected	Detected PAHs (ppm)																	
		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**250**	**340**	**5,000**	**NE**	**25,000**	**15**	**1.5**	**15**	**NE**	**150**	**1,500**	**1.5**	**3,400**	**3,400**	**15**	**53**	**NE**	**2,500**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**390**	**3,000**	**45,000**	**NE**	**100,000**	**210**	**21**	**210**	**NE**	**2,100**	**21,000**	**21**	**30,000**	**30,000**	**210**	**170**	**NE**	**23,000**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**390**	**6,800**	**100,000**	**NE**	**100,000**	**12,000**	**500**	**12,000**	**NE**	**100,000**	**100,000**	**1,200**	**68,000**	**68,000**	**12,000**	**3,100**	**NE**	**51,000**
IDEM Screening Groundwater Soil MTG Residential 2019		**1.2**	**3.7**	**110**	**NE**	**1,200**	**2.1**	**4.7**	**60**	**NE**	**590**	**1,800**	**19**	**1,800**	**110**	**200**	**0.11**	**NE**	**260**
B-15 (6-8)	11/6/2019	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
B-16 (0-2)	11/6/2019	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	0.0083	<0.0059	<0.0059	<0.0059	<0.0059	0.0067
Blind Duplicate 2		<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059
B-16 (7-9)	11/6/2019	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
B-17 (8-10)	11/6/2019	0.10	0.12	0.10	<0.0066	0.079	0.039	0.016	<0.0066	0.012	<0.0066	0.051	<0.0066	0.077	0.11	<0.0066	0.036	0.21	0.095
B-17 (18-20)	11/6/2019	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063
B-18 (2-4)	11/7/2019	0.044	0.057	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	0.043	<0.030	0.070	<0.030	<0.030	**0.12**	0.15	0.063
B-18 (33-35)	11/7/2019	<0.0054	<0.0054	0.010	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054
B-19 (2-4)	11/7/2019	0.025	0.028	<0.0062	<0.0062	<0.0062	0.017	0.017	0.018	0.015	0.017	0.024	<0.0062	0.026	<0.0062	0.011	0.020	0.029	0.027
B-19 (6-8)	11/7/2019	0.020	0.019	<0.0063	<0.0063	<0.0063	0.0081	0.0085	0.0064	<0.0063	0.0068	0.010	<0.0063	0.0089	<0.0063	<0.0063	0.011	0.016	0.0088
B-20 (0-2)	11/7/2019	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.15	<0.12
Blind Duplicate 3		<0.057	0.061	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	0.062	<0.057	0.061	<0.057	<0.057	<0.057	0.10	0.074
B-20 (36-38)	11/7/2019	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
B-21 (2-4)	11/8/2019	0.18	0.22	<0.030	<0.030	0.050	0.079	0.044	0.044	0.043	0.049	0.12	<0.030	0.19	<0.030	<0.030	0.10	0.68	0.17
B-21 (22-24)	11/8/2019	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062
B-22 (0-2)	11/8/2019	<0.056	0.066	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	0.081	<0.056	<0.056	<0.056	0.11	0.065
Blind Duplicate 4		0.062	0.091	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	0.072	0.11	<0.056
B-22 (8-10)	11/8/2019	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061
B-23 (0-2)	11/8/2019	0.010	0.012	<0.0052	<0.0052	<0.0052	<0.0052	0.0062	0.0082	0.013	0.0054	0.0076	<0.0052	0.013	<0.0052	<0.0052	0.0068	0.021	0.010
B-23 (18-20)	11/8/2019	0.87	0.029	0.12	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	0.036	<0.0054	0.030	0.25	<0.0054	<0.0054	0.48	0.034
B-24 (0-2)	11/8/2019	0.012	0.014	<0.0060	<0.0060	<0.0060	0.013	0.014	0.018	0.011	0.011	0.014	<0.0060	0.019	<0.0060	0.0076	0.0090	0.019	0.019
B-24 (24-26)	11/8/2019	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	0.0082	<0.0053
B-25 (0-2)	11/8/2019	0.018	0.021	<0.0054	<0.0054	<0.0054	0.0072	0.0055	<0.0054	0.0066	0.0055	0.0097	<0.0054	0.013	<0.0054	<0.0054	0.010	0.040	0.015
B-25 (31-33)	11/8/2019	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056
B-26 (0-2)	11/11/2019	0.41	0.45	<0.030	<0.030	0.080	0.13	0.083	0.080	0.068	0.090	0.17	<0.030	0.24	<0.030	0.039	**0.13**	0.86	0.25
B-26 (22-24)	11/11/2019	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062
B-27 (0-2)	11/11/2019	0.017	0.021	<0.0057	0.0073	0.019	0.054	0.050	0.054	0.040	0.055	0.072	0.013	0.11	<0.0057	0.031	0.0094	0.098	0.10
B-27 (18-20)	11/11/2019	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062
B-28 (0-2)	11/11/2019	0.035	0.040	<0.027	<0.027	<0.027	0.065	0.060	0.053	0.083	0.063	0.091	<0.027	0.11	<0.027	0.039	<0.027	0.15	0.13
B-28 (20-22)	11/11/2019	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059

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Indiana 15 Regional Planning Commission
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Parameter	Date Collected	Detected PAHs (ppm)																
		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
IDEM Screening Soil Exposure Direct Contact Residential 2019		**250**	**340**	**5,000**	**NE**	**25,000**	**15**	**1.5**	**15**	**NE**	**150**	**1,500**	**1.5**	**3,400**	**3,400**	**15**	**53**	**NE**	**2,500**
IDEM Screening Soil Exposure Direct Contact Commercial/Industrial 2019		**390**	**3,000**	**45,000**	**NE**	**100,000**	**210**	**21**	**210**	**NE**	**2,100**	**21,000**	**21**	**30,000**	**30,000**	**210**	**170**	**NE**	**23,000**
IDEM Screening Soil Exposure Direct Contact Excavation 2019		**390**	**6,800**	**100,000**	**NE**	**100,000**	**12,000**	**500**	**12,000**	**NE**	**100,000**	**100,000**	**1,200**	**68,000**	**68,000**	**12,000**	**3,100**	**NE**	**51,000**
IDEM Screening Groundwater Soil MTG Residential 2019		**1.2**	**3.7**	**110**	**NE**	**1,200**	**2.1**	**4.7**	**60**	**NE**	**590**	**1,800**	**19**	**1,800**	**110**	**200**	**0.11**	**NE**	**260**
B-29 (0-2)	11/11/2019	0.60	0.73	<0.030	0.047	0.095	0.24	0.16	0.17	0.091	0.14	0.26	0.033	0.55	0.084	0.070	**0.25**	1.7	0.50
B-29 (24-26)	11/11/2019	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
B-30 (0-2)	11/11/2019	0.11	0.13	<0.029	<0.029	0.056	0.37	0.40	0.30	0.22	0.27	0.32	0.056	0.27	<0.029	0.18	0.045	0.30	0.31
B-30 (26-28)	11/11/2019	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	0.0053	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	0.0074	<0.0052	<0.0052	<0.0052	<0.0052	0.0071
B-31 (0-2)	11/11/2019	0.014	0.019	<0.0059	<0.0059	<0.0059	0.011	0.013	0.016	0.0098	0.0082	0.012	<0.0059	0.014	<0.0059	0.0089	<0.0059	0.024	0.015
B-31 (8-10)	11/11/2019	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058
B-32 (0-2)	11/11/2019	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0068	<0.0060
B-32 (24-26)	11/11/2019	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
TB1	11/5/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*
Trip Blank 2	11/6/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*
TB3	11/7/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*
Trip Blank	11/8/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*
TB5 (TB4)	11/11/2019	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*

Notes:
- NA* = Not Analyzed / NE = not established
- Soil samples were analyzed for polynuclear aromatic hydrocarbons (PAHs) using EPA SW 846 Method 8270.
- Soil samples collected from B-15, B-19, B-22, B-23, B-25 and B-29 to B-31 were also analyzed for polychlorinated biphenyls (PCBs) using EPA SW 846 Method 8082.
- Analytes not listed in the table were not detected above their respective laboratory reporting levels.
- Analytical results presented in milligrams per kilogram (mg/kg) or parts per million (ppm).

BOLD	= Concentrations above their respective RCG Residential Migration to Groundwater Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Residential Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Commercial/Industrial Direct Contact Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective RCG Excavation Direct Contact Screening Levels (updated in March 2019).

Table 3
Summary of Groundwater Analytical Results
Indiana 15 Regional Planning Commission
Can Clay Facility
402 Washington Street
Cannelton, Indiana
ATC Project No. 170IRPC08P

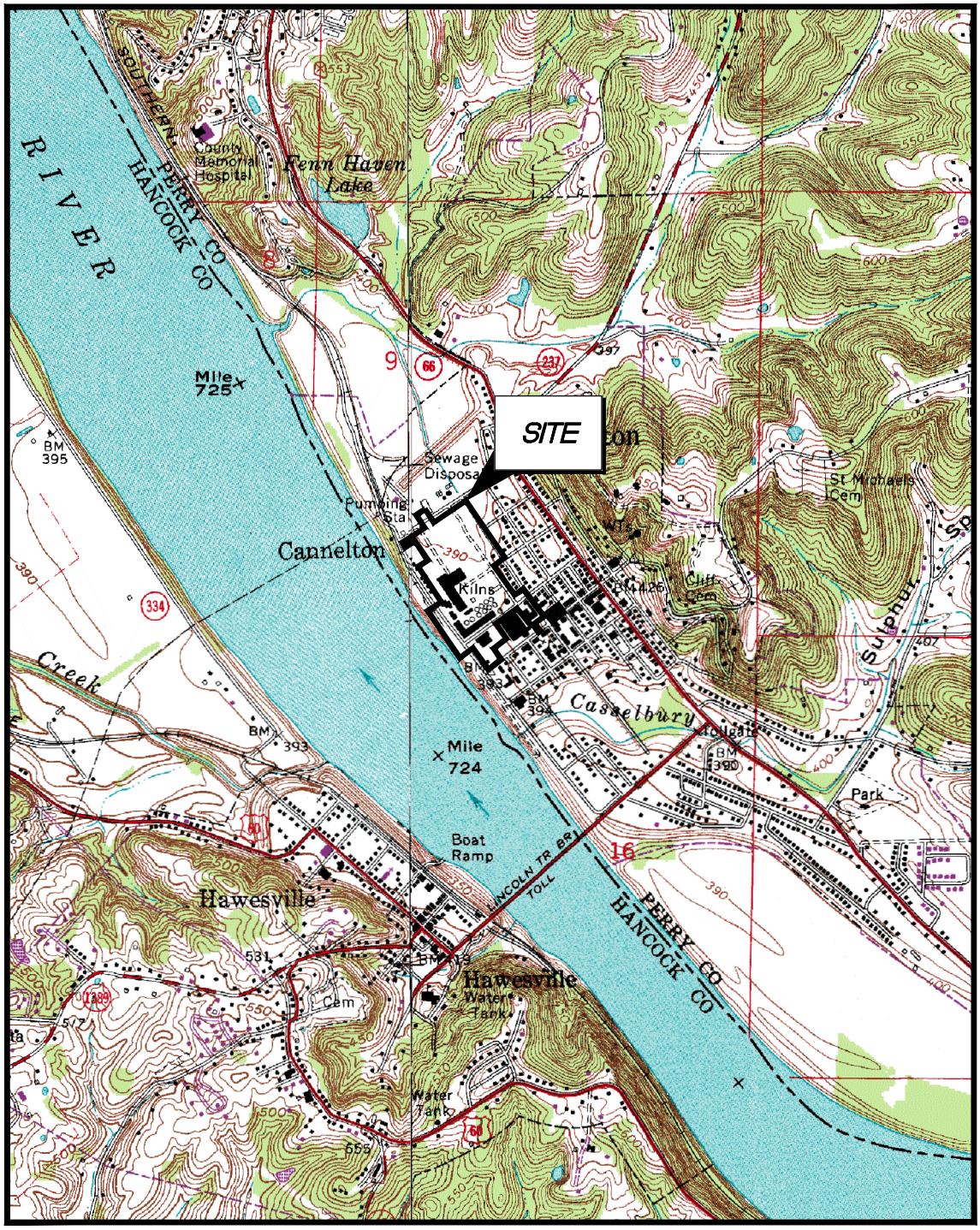
Sample ID	Date Collected	Detected VOCs (ppb)											Detected PAHs (ppb)						Detected Metals (ppb)					
		1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Fluorene	Naphthalene	Phenanthrene	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium
IDEM Screening Groundwater Tap Residential 2019		56	60	700	450	1,000	10,000	1,000	1,500	660	NE	2,000	11	36	530	290	1.7	NE	10	2,000	5	100	15	50
IDEM Screening Vapor Exposure Groundwater Residential 2019		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	110	NE	NE	NE	NE	NE	NE	NE
IDEM Screening Vapor Exposure Groundwater Commercial/Industrial		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	460	NE	NE	NE	NE	NE	NE	NE
B-1	11/19/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	22.7	123	<2.0	13.6	<10.0	<10.0
B-2	11/20/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	103	<2.0	18.6	11.9	<10.0
B-3	11/20/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	36.8	<2.0	<10.0	<10.0	<10.0
B-4	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	17.3	<2.0	<10.0	<10.0	<10.0
B-5	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	93.1	<2.0	14.6	<10.0	<10.0
B-6	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	64.2	<2.0	<10.0	<10.0	<10.0
B-7	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	25.7	<2.0	<10.0	<10.0	<10.0
Blind Duplicate 7	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	27.4	<2.0	<10.0	<10.0	<10.0
B-8	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	91.8	<2.0	<10.0	<10.0	<10.0
Blind Duplicate 6		<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	100	<2.0	<10.0	<10.0	<10.0
B-9	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	33.3	<2.0	<10.0	<10.0	<10.0
B-10	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	174	<2.0	24.9	<10.0	<10.0
B-11	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	147	<2.0	13.0	19.5	<10.0
B-12	11/21/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	42.2	<2.0	<10.0	<10.0	<10.0
B-13	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	63.6	1,160	<2.0	159	41.8	<10.0
B-14	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<10.0	10.1	<2.0	<10.0	<10.0	13.4
B-15	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	20.7	<2.0	<10.0	<10.0	<10.0
B-16	11/22/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14.9	82.6	<2.0	18.7	19.8	<10.0
B-17	11/21/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	17.4	173	<2.0	49.8	24.3	<10.0
B-18	11/21/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	1.8	1.3	<1.0	<1.0	10.4	2,250	<2.0	21.1	<10.0	<10.0
B-19	11/21/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	118	<2.0	23.4	<10.0	<10.0
B-20	11/20/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14.2	163	<2.0	27.2	19.5	<10.0
B-21	11/20/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	24.9	<2.0	<10.0	<10.0	<10.0
Blind Duplicate 5		<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	28.4	<2.0	<10.0	<10.0	<10.0
B-22	11/22/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	90.0	426	4.5	104	76.4	<10.0
B-23	11/22/19	36.8	<5.0	49.4	13.0	6.2	62.7	7.5	<5.0	13.5	6.5	5.6	76.5	85.6	1.4	3.4	219	4.5	77.3	318	<2.0	<10.0	<10.0	<10.0
B-24	11/26/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	23.5	383	<2.0	70.1	18.0	<10.0
B-25	11/26/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	28.1	484	<2.0	53.7	23.6	<10.0
B-26	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<10.0	36.9	<2.0	<10.0	<10.0	<10.0
B-27	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	81.4	509	<2.0	70.0	31.8	<10.0
B-28	11/25/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	45.0	703	<2.0	88.4	35.8	<10.0
B-29	11/26/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	42.4	<2.0	<10.0	<10.0	<10.0
B-30	11/26/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	56.0	<2.0	66.0	<10.0	<10.0
B-31	11/26/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	236	674	4.0	201	212	<10.0
B-32	1/14/20	132	43.6	34.8	<5.0	<5.0	74.8	20.1	145	18.3	<5.0	<5.0	25.8	44.0	<1.0	<1.0	64.7	<1.0	41.3	84.9	<2.0	17.6	20.9	<10.0
TRIP BLANK 5	11/19/19	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	<10.0
Trip Blank 7	1/14/20	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*	NA*

Notes:
-NE = not established/ NA*= not analyzed
- All groundwater samples were analyzed for volatile organic compounds (VOCs) via SW 846 Method 8260, polynuclear aromatic hydrocarbons (PAHs) via SW 846 Method 8270SIM, and RCRA Metals via SW 846 Methods 6010B and 7470.
- Analytes not listed in the table were not detected above their respective laboratory detection levels.
- Analytical results presented in micrograms per liter (ug/L) or parts per billion (ppb).

BOLD	= Concentrations above their respective Remediation Closure Guide (RCG) Residential Tap (Direct Contact) Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective Remediation Closure Guide (RCG) Residential Vapor Exposure Screening Levels (updated in March 2019).
BOLD	= Concentrations above their respective Remediation Closure Guide (RCG) Commercial Vapor Exposure Screening Levels (updated in March 2019).

Figures

Figure 1: Vicinity Map
Figure 2: Site Plan
Figure 3: Potentiometric Surface Map
Figure 4: Soil Analytical Map – UST Excavation
Figure 5: Soil Analytical Map
Figure 6: Groundwater Analytical Map



VICINITY MAP

UNDERGROUND STORAGE TANK CLOSURE AND
PHASE II LIMITED SUBSURFACE INVESTIGATION
CAN CLAY FACILITY – 402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08P		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: 1"=2,000'	App'd By:
ATC		Figure: 1

H:\2019\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P-VIC.DWG, VIC

LEGEND:

- B-1 — SOIL BORING/TEMPORARY MONITORING WELL (Boring Identification)
- SITE PROPERTY LINE
- APPROXIMATE LOCATION OF FORMER SAWDUST STORAGE PILES

NOTE: ALL LOCATIONS ARE APPROXIMATE

LOCATION OF FORMER STANDARD OIL BULK STORAGE FACILITY (1925–1950 FIRE INSURANCE MAP)

HERZELLE STREET

OHIO RIVER SCENIC BYWAY

RESIDENTIAL

RESIDENTIAL

FLOOD WALL PUMP HOUSE

PIPE LAY–DOWN YARD

SMITH STREET

2nd STREET

HAY STREET

MADISON STREET

PROPANE TANK

FORMER OIL – PUMP HOUSE

RESIDENTIAL

PUMP DISPENSER SHED

ADAMS STREET

APPROXIMATE LOCATION OF FORMER LAKE

MAINTENANCE SHOP

STORAGE BUILDING

APPROXIMATE LOCATION OF FORMER 10,000 GALLON USTs

OFFICE

FORMER GAS STATION

FORMER COTTON MILL

TAYLOR STREET

NORTH 6th STREET

NORTH 5th STREET

NORTH 4th STREET

NORTH 3rd STREET

NORTH 3nd STREET

NORTH 1st STREET

APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP)

TUNNEL KILN

LAB

LOADING DOCK BUILDING

OHIO RIVER

STICK SHED

OLD MACHINE SHOP

KILN AREA

OIL ROOM

PRODUCTION BUILDING

APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP)

CLAY DEBRIS DUMP AREA

FORMER RAILROAD DEPOT

APPROXIMATE LOCATION OF 15,000 GAL FUEL OIL UST

APPROXIMATE LOCATION OF FORMER TRANSFORMER OIL SPILL (1995)

STORAGE BUILDING

3 CAR GARAGE

CLAY SHED (FORMER GRINDING PLANT)

DEBRIS PILES

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24 B-25 B-26 B-27 B-28 B-29 B-30 B-31 B-32

N

300 0 100 200 300

SCALE: 1" = 300'

Drn. By:	JG
Ckd. By:	BK
App'd By:	
Ckd. Date:	
Project Number:	170IRPC08P
Drawing File:	SEE LOWER LEFT

ATC

SITE PLAN

UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED SUBSURFACE INVESTIGATION

CAN CLAY FACILITY

402 WASHINGTONI STREET

CANNELTON, INDIANA

Date:	1/20
Scale:	AS SHOWN
Figure:	2

H:\2019\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P-SITE.DWG, 11X17L

LEGEND:

- B-2 384.19 — SOIL BORING/TEMPORARY MONITORING WELL
  - Boring/Well Identification
  - Relative Groundwater Elevation (ft)
- SITE PROPERTY LINE
- APPROXIMATE LOCATION OF FORMER SAWDUST STORAGE PILES
- 374 — GROUNDWATER ELEVATION CONTOUR (ft) DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

NOTE:
–ALL LOCATIONS ARE APPROXIMATE
–DUE TO UNCHARACTERISTIC RESULTS, GROUNDWATER ELEVATIONS FROM TEMPORARY WELLS B–22 AND B–30 WERE NOT USED IN DETERMINING GROUNDWATER FLOW PATTERNS

LOCATION OF FORMER STANDARD OIL BULK STORAGE FACILITY (1925–1950 FIRE INSURANCE MAP)
HERZELLE STREET
B–24 373.03
B–3 372.59
RESIDENTIAL
OHIO RIVER SCENIC BYWAY
RESIDENTIAL
373
374
375
380
B–4 372.97
B–5 373.06
B–2 384.19
PIPE LAY–DOWN YARD
FLOOD WALL PUMP HOUSE
2nd STREET
SMITH STREET
385
B–1 385.57
MADISON STREET
B–6 373.18
PROPANE TANK
FORMER OIL – PUMP HOUSE
HAY STREET
B–7 373.05
B–20 374.37
RESIDENTIAL
PUMP DISPENSER SHED
JOINT BUILDING (WEDGE LOCK)
APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP)
TUNNEL KILN
B–19 373.12
B–21 375.83
B–22 371.88
ADAMS STREET
APPROXIMATE LOCATION OF FORMER LAKE
MAINTENANCE SHOP
B–17 381.21
B–8 373.26
LAB
LOADING DOCK BUILDING
B–29 380.15
STORAGE BUILDING
OHIO RIVER
STICK SHED
B–9 373.21
APPROXIMATE LOCATION OF FORMER 10,000 GALLON USTs
B–18 373.15
KILN AREA
OLD MACHINE SHOP
B–16 386.99
B–23 381.50
OFFICE
B–10 373.30
B–15 373.16
380
B–14 372.31
FORMER GAS STATION
B–12 373.22
APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP)
OIL ROOM
FORMER COTTON MILL
TAYLOR STREET
375
PRODUCTION BUILDING
B–13 372.15
B–30 373.52
B–32 374.21
CLAY DEBRIS DUMP AREA
B–25 373.24
B–26 372.65
B–31 379.01
APPROXIMATE LOCATION OF FORMER TRANSFORMER OIL SPILL (1995)
FORMER RAILROAD DEPOT
NORTH 5th STREET
NORTH 6th STREET
B–28 373.15
374
APPROXIMATE LOCATION OF 15,000 GAL FUEL OIL UST
373
STORAGE BUILDING
NORTH 3rd STREET
NORTH 4th STREET
B–11 370.31
371
B–27 373.99
NORTH 3nd STREET
CLAY SHED (FORMER GRINDING PLANT)
NORTH 1st STREET
3 CAR GARAGE
DEBRIS PILES

N

300 0 100 200 300
SCALE: 1" = 300'

Drn. By:	Ckd. By:	App'd By:	Ckd. Date:
JG	BK		

Project Number: 170IRPC08P
Drawing File: SEE LOWER LEFT

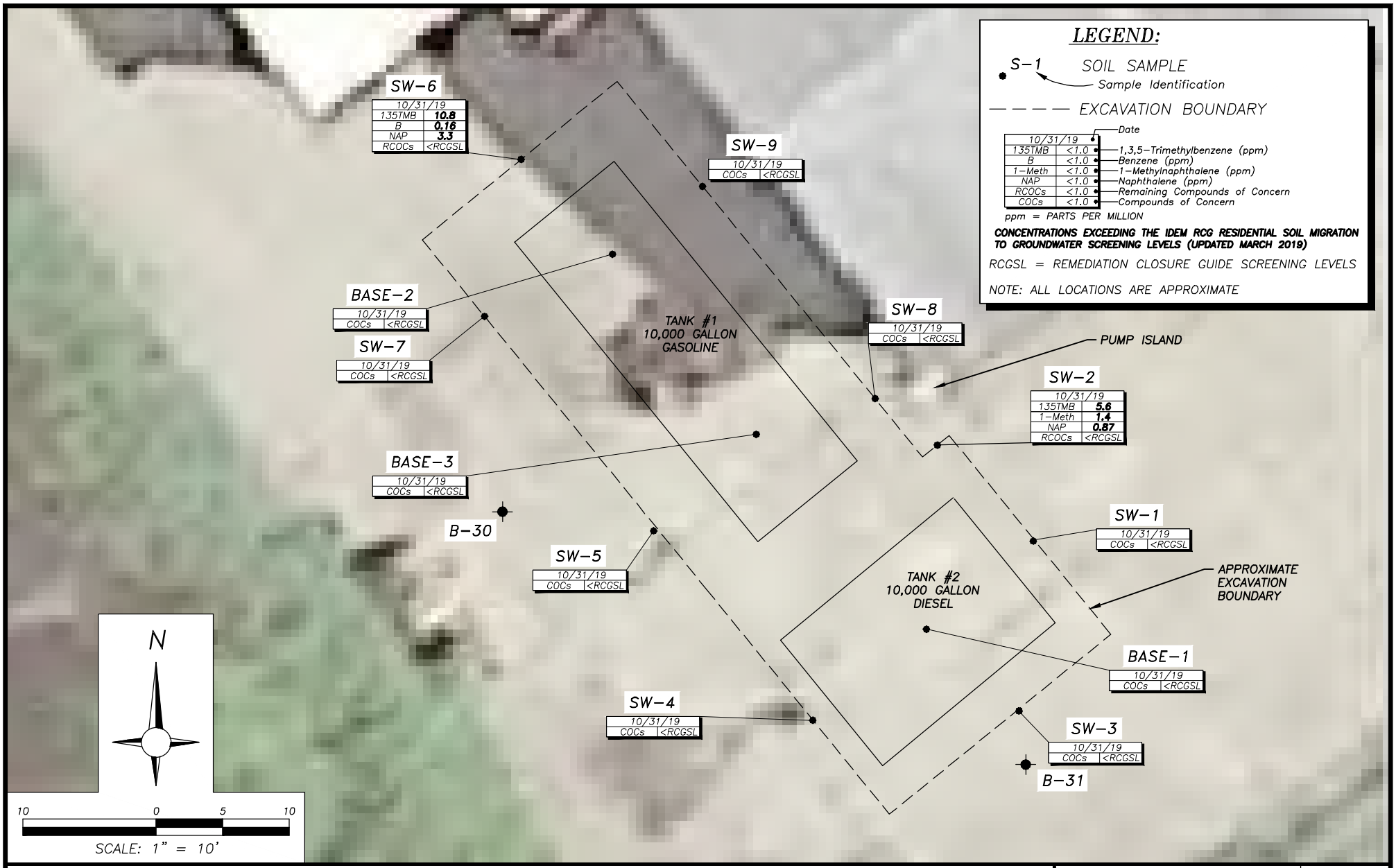
ATC

POTENTIOMETRIC SURFACE MAP

UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED SUBSURFACE INVESTIGATION
CAN CLAY FACILITY
402 WASHINGTONI STREET
CANNELTON, INDIANA

Date: 1/20
Scale: AS SHOWN
Figure: 3

H:\2019\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P-POT.DWG, 11X17L

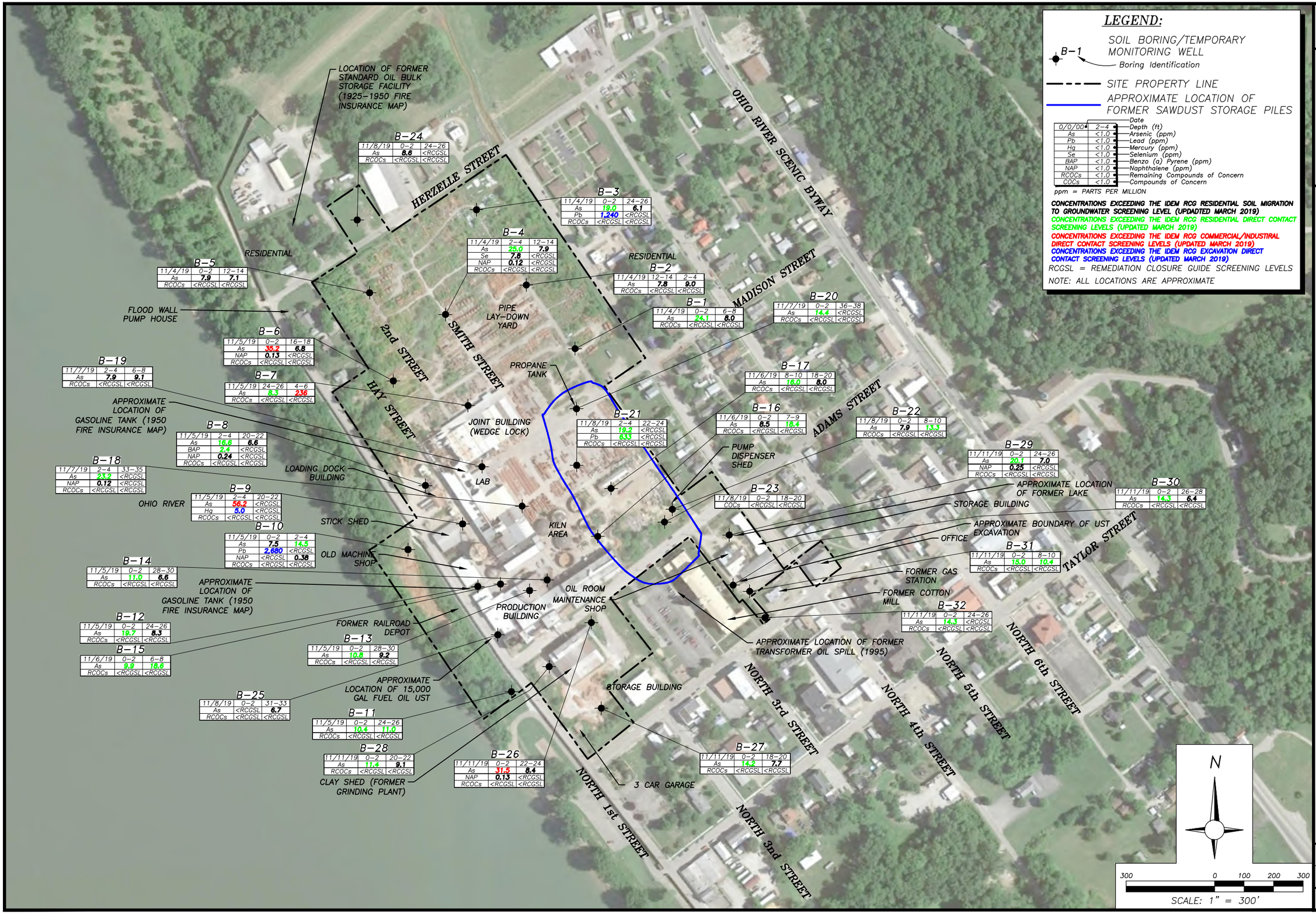


SOIL ANALYTICAL MAP - UST EXCAVATION

UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED SUBSURFACE INVESTIGATION
CAN CLAY FACILITY
402 WASHINGTON STREET
CANNELTON, INDIANA

Project Number: 170IRPC08P		Drn. By: JG
Drawing File: SEE LOWER LEFT		Ckd. By: BK
Date: 1/20	Scale: AS SHOWN	App'd By:
ATC		Figure: 4

H:\2019\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P-EXCAVATION.DWG, SITE



LEGEND:

- B-1 — SOIL BORING/TEMPORARY MONITORING WELL; Boring Identification
- SITE PROPERTY LINE
- APPROXIMATE LOCATION OF FORMER SAWDUST STORAGE PILES

0/0/00	2–4
As	<1.0
Pb	<1.0
Hg	<1.0
Se	<1.0
BAP	<1.0
NAP	<1.0
RCOCs	<1.0
COCs	<1.0

Date; Depth (ft); Arsenic (ppm); Lead (ppm); Mercury (ppm); Selenium (ppm); Benzo (a) Pyrene (ppm); Naphthalene (ppm); Remaining Compounds of Concern; Compounds of Concern

ppm = PARTS PER MILLION

CONCENTRATIONS EXCEEDING THE IDEM RCG RESIDENTIAL SOIL MIGRATION TO GROUNDWATER SCREENING LEVEL (UPDADTED MARCH 2019)

CONCENTRATIONS EXCEEDING THE IDEM RCG RESIDENTIAL DIRECT CONTACT SCREENING LEVELS (UPDATED MARCH 2019)

CONCENTRATIONS EXCEEDING THE IDEM RCG COMMERCIAL/INDUSTIRAL DIRECT CONTACT SCREENING LEVELS (UPDATED MARCH 2019)

CONCENTRATIONS EXCEEDING THE IDEM RCG EXCAVATION DIRECT CONTACT SCREENING LEVELS (UPDATED MARCH 2019)

RCGSL = REMEDIATION CLOSURE GUIDE SCREENING LEVELS

NOTE: ALL LOCATIONS ARE APPROXIMATE

Drn. By:	Ckd. By:	App'd By:	Ckd. Date:
JG	BK		

Project Number: 170IRPC08P

Drawing File: SEE LOWER LEFT

ATC

SOIL ANALYTICAL MAP

SUBSURFACE INVESTIGATION

UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED

CAN CLAY FACILITY

402 WASHINGTONI STREET

CANNELTON, INDIANA

Date: 1/20

Scale: AS SHOWN

Figure: 5

H:\2019\N 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P–SOIL.DWG, 11X17L

H:\2019\IN 15 REGIONAL PLANNING COMMISSION\CAN CLAY PROPERTY\ENVIRO\PHASE II\170IRPC08P-GROUNDWATER.DWG, 11X17L

LEGEND:

- B-1 — SOIL BORING/TEMPORARY MONITORING WELL (Boring Identification)
- SITE PROPERTY LINE
- APPROXIMATE LOCATION OF FORMER SAWDUST STORAGE PILES

0/0/00 (Date)		
124TMB	<1.0	1,2,4–Trimethylbenzene (ppb)
1–Meth	<1.0	1–Methylnaphthalene (ppb)
2–Meth	<1.0	2–Methylnaphthalene (ppb)
NAP	<1.0	Naphthalene (ppb)
As	<1.0	Arsenic (ppb)
BA	<1.0	Barium (ppb)
Cr	<1.0	Chromium (ppb)
Pb	<1.0	Lead (ppb)
RCOCs	<1.0	Remaining Compounds of Concern
COCs	<1.0	Compounds of Concern

ppb = PARTS PER BILLION

CONCENTRATIONS EXCEEDING THE IDEM RCG RESIDENTIAL TAP DIRECT CONTACT SCREENING LEVELS (UPDATED MARCH 2019)

CONCENTRATIONS EXCEEDING THE IDEM RESIDENTIAL VAPOR EXPOSURE SCREENING LEVELS (UPDATED MARCH 2019)

RCGSL = REMEDIATION CLOSURE GUIDE SCREENING LEVELS

NOTE: ALL LOCATIONS ARE APPROXIMATE

LOCATION OF FORMER STANDARD OIL BULK STORAGE FACILITY (1925–1950 FIRE INSURANCE MAP)

B-24 — 11/26/2019 — As 23.5 — Pb 18.0 — RCOCs <RCGSL

B-3 — 11/20/2019 — COCs <RCGSL

B-4 — 1/14/2020 — COCs <RCGSL

B-2 — 11/20/2019 — COCs <RCGSL

B-5 — 1/14/2020 — COCs <RCGSL

B-1 — 11/19/2019 — As 22.7 — RCOCs <RCGSL

B-7 — 1/14/2020 — COCs <RCGSL

B-20 — 11/20/2019 — As 14.2 — Pb 19.5 — RCOCs <RCGSL

B-6 — 1/14/2020 — COCs <RCGSL

B-21 — 11/20/2019 — COCs <RCGSL

B-17 — 11/21/2019 — As 17.4 — Pb 24.3 — RCOCs <RCGSL

B-16 — 11/22/2019 — As 14.9 — Pb 19.8 — RCOCs <RCGSL

B-22 — 11/22/2019 — As 90.0 — Cr 104 — Pb 76.4 — RCOCs <RCGSL

B-19 — 11/21/2019 — COCs <RCGSL

B-23 — 11/22/2019 — 1–Meth 76.5 — 2–Meth 85.6 — NAP 219 — As 77.3 — RCOCs <RCGSL

B-8 — 11/25/2019 — COCs <RCGSL

B-18 — 11/21/2019 — As 10.4 — BA 2,250 — RCOCs <RCGSL

B-9 — 1/14/2020 — COCs <RCGSL

B-29 — 11/26/2019 — COCs <RCGSL

B-10 — 11/25/2019 — COCs <RCGSL

B-30 — 11/26/2019 — COCs <RCGSL

B-31 — 11/26/2019 — As 236 — Cr 201 — Pb 212 — RCOCs <RCGSL

B-15 — 1/14/2020 — COCs <RCGSL

B-14 — 1/14/2020 — COCs <RCGSL

B-32 — 1/14/2020 — 124TMB 1.32 — 1–Meth 25.8 — 2–Meth 44.0 — NAP 64.7 — As 41.3 — Pb 20.9 — RCOCs <RCGSL

B-12 — 11/21/2019 — COCs <RCGSL

B-26 — 1/14/2020 — COCs <RCGSL

B-28 — 11/25/2019 — As 45.0 — Pb 35.8 — RCOCs <RCGSL

B-13 — 11/25/2019 — As 63.6 — Cr 159 — Pb 41.8 — RCOCs <RCGSL

B-25 — 11/26/2019 — As 28.1 — Pb 23.6 — RCOCs <RCGSL

B-11 — 11/25/2019 — Pb 19.5 — RCOCs <RCGSL

B-27 — 11/25/2019 — As 81.4 — Pb 31.8 — RCOCs <RCGSL

HERZELLE STREET; RESIDENTIAL; FLOOD WALL PUMP HOUSE; PIPE LAY–DOWN YARD; 2nd STREET; HAY STREET; SMITH STREET; JOINT BUILDING (WEDGE LOCK); APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP); LAB; LOADING DOCK BUILDING; STICK SHED; OLD MACHINE SHOP; APPROXIMATE LOCATION OF GASOLINE TANK (1950 FIRE INSURANCE MAP); CLAY DEBRIS DUMP AREA; FORMER RAILROAD DEPOT; APPROXIMATE LOCATION OF 15,000 GAL FUEL OIL UST; CLAY SHED (FORMER GRINDING PLANT); DEBRIS PILES; OHIO RIVER; KILN AREA; OIL ROOM; PRODUCTION BUILDING; STORAGE BUILDING; 3 CAR GARAGE; OHIO RIVER SCENIC BYWAY; MADISON STREET; PUMP DISPENSER SHED; ADAMS STREET; APPROXIMATE LOCATION OF FORMER LAKE; MAINTENANCE SHOP; STORAGE BUILDING; OFFICE; FORMER GAS STATION; FORMER COTTON MILL; TAYLOR STREET; APPROXIMATE LOCATION OF FORMER TRANSFORMER OIL SPILL (1995); NORTH 1st STREET; NORTH 3rd STREET; NORTH 3nd STREET; NORTH 4th STREET; NORTH 5th STREET; NORTH 6th STREET

N

300 0 100 200 300

SCALE: 1" = 300'

Drn. By:	JG
Ckd. By:	BK
App'd By:	
Ckd. Date:	
Project Number:	170IRPC08P
Drawing File:	SEE LOWER LEFT

ATC

GROUNDWATER ANALYTICAL MAP

UNDERGROUND STORAGE TANK CLOSURE AND PHASE II LIMITED SUBSURFACE INVESTIGATION

CAN CLAY FACILITY

402 WASHINGTONI STREET

CANNELTON, INDIANA

Date: 1/20

Scale: AS SHOWN

Figure: 6

Appendix A: Geophysical Survey Map

Prism GeoImaging

11722 Allisonville Road, Ste 103-#144
Fishers, Indiana 46038-2728
www.prismgeo.com

September 12, 2019

Brian L. Kleeman, LPG
Senior Project Geologist
ATC Group Services LLC
6149 Wedeking Avenue, Building D, Suite 2
Evansville, IN 47715

Re: Geophysical Investigation
UST Search
Can Clay Facility
402 Washington Street
Cannelton, Indiana
Prism Project No. 00.005a.029

Dear Brian,

Prism GeoImaging, Inc. (*Prism*) is pleased to present ATC with this letter report documenting the geophysical investigation for underground storage tanks (USTs) at the above-referenced project site (the "Site").

Introduction

Based on discussions with ATC prior to the geophysical investigation, it was my understanding that three USTs are known to exist on the property and there is concern that additional unknown USTs may exist there as well. The property is currently a disused industrial facility. The geophysical search area comprised five areas scattered about the property (see Figure 1).

Geophysical Methods

Two different geophysical methods were used on this project. The first is high resolution time-domain electromagnetic metal detection mapping (EMD). EMD data were collected with an EM61-MK2 metal detector manufactured by Geonics Ltd. The EM61-MK2 is a high-sensitivity, high-resolution, time-domain electromagnetic metal detector. It consists of two vertically separated 1-meter by 0.5-meter coaxial coils mounted to a wheel assembly. The instrument operator pulls the coil assembly along the line of profile while data is collected nearly continuously. The EM61-MK2 is designed to take readings from the bottom coil (designated as channel three) and an additional reading from the top coil. The top and bottom coil readings are then subtracted to selectively filter out the effect from near-surface metal objects (designated as channel difference calculation). The channel three reading is considered to be a measure of all metal both shallow and deep within the detection limits of the instrument, while the channel difference calculation is a measure of predominantly deeper metal only.

An additional method of investigation used on this project is ground penetrating radar (GPR), which was used to provide additional characterization of EM61-MK2 anomalies. GPR works on a reflection principle, whereby a narrow band radar pulse of short duration is emitted downward

into the ground by a transmitting antenna. A receiving antenna is used to record radar waves that are moving upward after being reflected from the boundaries between materials that have contrasting electrical conductivities and dielectric constants. The deeper an object is, the later in time the reflection will appear. Using knowledge of the velocity of radar waves in soil, the GPR profile can be presented in terms of estimated depth. The penetration depth of GPR is highly dependent on soil type. Clays and moist silty soils will disperse the radar signal and prevent it from penetrating into the subsurface. Thus clayey soils block GPR and effectively limit the depth of exploration. GPR is often used for locating USTs underneath reinforced concrete because the high resolution signal can penetrate the reinforcing mat and reflect off the tank surface below. The high resolution subsurface characterization of GPR makes it well-suited to detecting abandoned and relic utilities; therefore it is often used for boring clearance investigations as well. The GPR system that was used is a cart-mounted 250 Mhz Noggin Plus GPR system manufactured by Sensors and Software Inc. The estimated signal penetration depth was approximately 5-6 feet.

Data Collection and Results

Search Area #1 was scanned with a series of parallel GPR profiles, analyzing and interpreting the data in real-time. A rectangular anomaly was found at the northeastern edge of the search area. The GPR scans over this anomaly did not identify typical UST reflections (curved reflections across the tank axis, and flat reflections along the tank axis) however the GPR scans were consistent with a former UST cavity (which often contain piping and other remnants of UST systems). The location of this anomaly was painted on the ground with high-visibility spray paint.

Search Area #2 contains a known UST, the vent pipe of which can be seen attached to the exterior of the building and the fill port of which was discovered at the northwestern end of the tank. The tank was readily identified on GPR scans, the limits of the tank were marked on the ground with high visibility spray paint.

Search Area #3 was scanned with a series of parallel GPR profiles, analyzing and interpreting the data in real-time. No anomalies were found within search area #3, however there remains some level of possibility that a UST was present but not detected.

Search Area #4 was scanned with a series of parallel EM61-MK2 and/or GPR profiles, analyzing and interpreting the data in real-time. No anomalies were found within search area #3, however there remains some level of possibility that a UST was present but not detected.

Search Area #5 contains two known USTs. These were readily identified on the GPR scans, the limits of the tanks were marked on the ground with high visibility spray paint. The search area was extended some distance beyond the known USTs and scanned with a series of parallel GPR profiles, no additional UST anomalies were detected.

The location of each search area is indicated on the attached Figure 1. Results are summarized as well.

©2019, Prism GeoImaging, Inc.

Limitations

This geophysical survey was intended to locate steel USTs. Anomalies of potential interest that are dissimilar to steel USTs may have gone undetected or uninterpreted by this survey. Areas obscured by features such as debris and vehicles may conceal additional anomalies of interest that are unknown at this time.

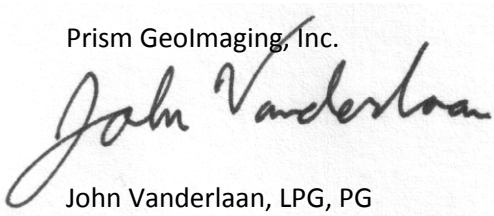
The enclosed figures are considered to be of sufficient accuracy and precision to provide you with positional data for further investigation activities. The enclosed figures, while they may indicate locations of utilities, are not to be taken as a map of utility locations and are not a substitute for a private utility locate.

Closing

Prism Geoimaging, Inc. appreciates the opportunity to provide ATC with this geophysical survey, and I look forward to working with you on future projects. If you should have any questions regarding this project, please do not hesitate to contact me. I can be reached by telephone/txt at 317.379.5796, or by email at jvanderlaan@prismgeo.com.

Sincerely,

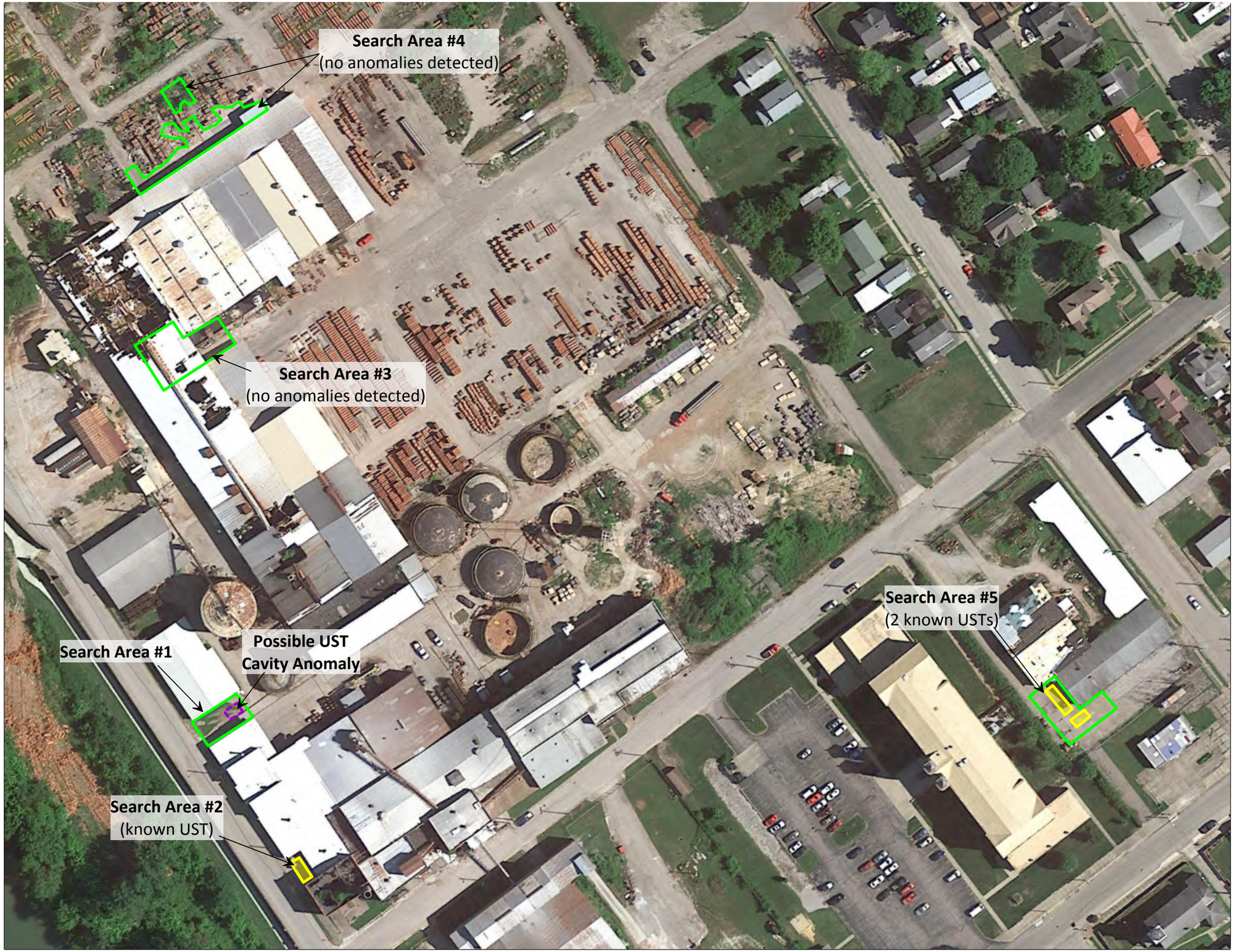
Prism GeoImaging, Inc.



John Vanderlaan, LPG, PG
President / Geophysicist

Attachments: Figure 1. Investigation Summary

©2019, Prism GeoImaging, Inc.



© 2019, Prism GeoImaging, Inc.

LEGEND

N

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Scale in Feet

0 50 100 150 200

1" = 100'

Prism GeoImaging

Prism GeoImaging, Inc.
11722 Allisonville Road, Ste 103-#144
Fishers, Indiana 46038
www.prismgeo.com

Figure 1

Investigation Summary

UST Search
Cannelton, Indiana
Prism Project No. 00.005a.029

Appendix B: UST Notification Form

UNDERGROUND STORAGE TANK SYSTEMS CLOSURE REPORT

State Form 56554 (R2 / 5-19)
Indiana Department of Environmental Management
Underground Storage Tanks Branch

RETURN COMPLETED FORMS TO:
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
USTRegistration@idem.in.gov
UST: (317) 234-0343

Agency Interest ID Number:	61662
Facility ID Number:	10265
Owner Entity Number:	

A TYPE OF CLOSURE

Tank(s)	Piping	Dispenser(s)
☒ Removal ☐ In-Place	☐ Removal ☐ In-Place	☐ Removal
☐ Change-in-Service	☐ Change-in-Service	☐ Replacement
Number of tanks closed:	Number of piping lines closed:	Number of dispensers closed:

B FACILITY NAME / LOCATION

FACILITY NAME	FACILITY ADDRESS *(number and street)*			
Can Clay Corporation	402 Washington Street			
ADDRESS *(line 2)*	**CITY**	**STATE**	**ZIP CODE**	**COUNTY**
	Cannelton	IN	47520	Perry
TELEPHONE NUMBER	**PARCEL NUMBER**	**LATITUDE** *(Indiana: 37.789707 to 41.759891)*	**LONGITUDE** *(Indiana: -88.027868 to -84.804754)*	

C UST OWNER

Option 1: UST OWNER NAME *(Business Name as registered with the Secretary of State)*	BUSINESS ID *(From the Secretary of State)*
Option 2: UST OWNER NAME *(If a Public Agency or other entity)*	
City of Cannelton	

Option 3: UST OWNER NAME *(If in Individual Capacity)*

PREFIX	FIRST NAME	MI	LAST NAME	SUFFIX

PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTAL ADDRESS *(Number and Street, no P.O. Box)*	ADDRESS *(line 2)*

CITY	STATE	ZIP CODE	EFFECTIVE DATE OF OWNERSHIP *(MM/DD/YYYY)*

TELEPHONE NUMBER	E-MAIL ADDRESS

D UST OPERATOR

Option 1: UST OPERATOR NAME *(Business Name as registered with the Secretary of State)*	BUSINESS ID *(From the Secretary of State)*
Not in operation	
Option 2: UST OPERATOR NAME *(If a Public Agency or other entity)*	

Option 3: UST OPERATOR NAME *(If in Individual Capacity)*

PREFIX	FIRST NAME	MI	LAST NAME	SUFFIX

PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTAL ADDRESS *(Number and Steet, no P.O. Box)*	ADDRESS *(line 2)*

CITY	STATE	ZIP CODE	DATE BEGAN OPERATING *(MM/DD/YYYY)*

TELEPHONE NUMBER	E-MAIL ADDRESS

E PROPERTY OWNER

Option 1: PROPERTY OWNER NAME *(Business Name as registered with the Secretary of State)*

BUSINESS ID *(From the Secretary of State)*

Option 2: PROPERTY OWNER NAME *(If a Public Agency or other entity)*

City of Cannelton

Option 3: PROPERTY OWNER NAME *(If in Individual Capacity)*

PREFIX	FIRST NAME	MI	LAST NAME	SUFFIX

PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTAL ADDRESS *(Number and Street, no P.O. Box)*

ADDRESS *(line 2)*

CITY	STATE	ZIP CODE	EFFECTIVE DATE OF OWNERSHIP *(MM/DD/YYYY)*

TELEPHONE NUMBER	E-MAIL ADDRESS

F CONTRACTOR

CONTRACTOR/CONSULTANT NAME *(Business Name)*

Hoosier Equipment Service, Inc.

CONTRACTOR ADDRESS *(Number and Street)*

8966 Union Mills Drive

CONTRACTOR ADDRESS *(line 2)*

CONTRACTOR CITY

Camby

CONTRACTOR STATE

IN

CONTRACTOR ZIP CODE

46113

CONTRACTOR TELEPHONE NUMBER

317.838.8988

CONTRACTOR E-MAIL ADDRESS

OATH: I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that work performed on the tank system complies with methods specified in 329 IAC 9.

CERTIFIED INDIVIDUAL NAME *(Print or Type)*

PREFIX	FIRST NAME	MI	LAST NAME	SUFFIX
	Brooks		Farmer	

SIGNATURE

Brooks Farmer

INDIANA DEPARTMENT OF HOMELAND SECURITY/DIVISION OF FIRE AND BUILDING SAFETY CERTIFICATION NUMBER

UC20108500

DATE *(MM/DD/YYYY)*

01/07/2020

G UST OWNER CERTIFICATION

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that the statements and representations in this document are true, accurate, and complete.

OWNER'S AUTHORIZED REPRESENTATIVE *(Print or Type)*

PREFIX	FIRST NAME	MI	LAST NAME	SUFFIX
	Ralph		Terry	

TITLE OF OWNER'S AUTHORIZED REPRESENTATIVE

Mayor of Cannelton

COMPANY NAME *(If Individual Leave Blank)*

City of Cannelton

SIGNATURE

Ralph Terry

DATE *(MM/DD/YYYY)*

1/8/2020

H UST OPERATOR CERTIFICATION

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that the statements and representations in this document are true, accurate, and complete.

OPERATOR'S AUTHORIZED REPRESENTATIVE *(Print or Type)*

Prefix	First Name	MI	Last Name	Suffix

TITLE OF OPERATOR'S AUTHORIZED REPRESENTATIVE

COMPANY NAME *(If Individual Leave Blank)*

SIGNATURE

DATE *(MM/DD/YYYY)*

I POTENTIALLY INTERESTED PARTIES

INTERESTED PARTY NAME	E-MAIL ADDRESS
INTERESTED PARTY NAME	E-MAIL ADDRESS
INTERESTED PARTY NAME	E-MAIL ADDRESS

J LUST INCIDENT INFORMATION

LUST INCIDENT NUMBER *(IF APPLICABLE)*	DATE INCIDENT REPORTED *(mm/dd/yyyy)*
LUST INCIDENT NUMBER *(IF APPLICABLE)*	DATE INCIDENT REPORTED *(mm/dd/yyyy)*
LUST INCIDENT NUMBER *(IF APPLICABLE)*	DATE INCIDENT REPORTED *(mm/dd/yyyy)*

K UST INFORMATION

Number of regulated tanks onsite before closure: Two

Were any additional USTs discovered during UST closure? ☐ Yes ☒ No | If yes, how many?

For all tanks that have been closed, list the requested info below and do not leave any space blank. Attach an additional sheet if more than seven (7) tanks have been closed.

UST Substance

GSL - Gasoline; **DSL** - Diesel; **DSB** - Diesel Containing >20% Biodiesel; **VGL** - Virgin Oil; **MXT** - Mixture of Substances *(List Substances)*; **KER** - Kerosene

E85 - E85 Gasoline Blend; **E15** - E15 Gasoline Blend; **RCF** - Racing Fuel (leaded); **AVG** - AV Gas (leaded); **UOL** - Used Oil; **OTH** - Other *(specify)*

UST Construction Material

STL - Steel; **FRP** - Fiberglass; **STC**- Steel Clad (Fiberglass Jacket); **DBW** - Double-walled; **OTH** - Other

UST Closure Type

RMV - Removed; **IPC** - In-Place Closure; **CIS** - Change-in-Service

UST #	Capacity in Gallons	Substance *(Last used, Past)*	Construction Material	Install Date *(mm/dd/yyyy)*	Date Last Used *(mm/dd/yyyy)*	Closure Date *(mm/dd/yyyy)*	Closure Type	Part of a Compart-mented Tank?
1	10,000	GSL	Steel	01/01/1962	12/01/1988	10/31/2019	RMV	☐ Yes
2	10,000	DSL	Steel	01/01/1962	12/01/1988	10/31/2019	RMV	☐ Yes
								☐ Yes
								☐ Yes
								☐ Yes
								☐ Yes
								☐ Yes

Please justify In-Place Closure:

L PIPING INFORMATION

If more than one piping line is present, then all lines shall be numbered. For all product lines closed, list the piping number, piping length (in feet based upon field measurements between tanks and dispensers, as well as, between dispenser islands), identify the product distributed through each line, and identify piping material and type. List all Piping Materials that apply. All piping numbers should also be included on the Facility Site Map. Attach an additional sheet if more than seven (7) product lines have been closed.

Piping Substance

GSL - Gasoline	**DSL** - Diesel	**DSB** - Diesel Containing >20% Biodiesel	**VGL** - Virgin Oil	**MXT** - Mixture of Substances *(List Substances)*	**KER** - Kerosene
E85 - E85 Gasoline Blend	**E15** - E15 Gasoline Blend	**RCF** - Racing Fuel (leaded)	**AVG** - AV Gas (leaded)	**UOL** - Used Oil	**OTH** - Other *(specify)*

Piping Construction Material

FRP - Fiberglass Reinforced Plastic	**FXP** - Flexible Composite/ Plastic	**AHP** - Airport Hydrant Piping	**CP** - Copper	**STL** - Steel	**OTH** - Other

Piping Closure Type

RMV - Removed **IPC** - In-Place Closure **CIS** - Change-in-Service

Piping #	Piping Run Length *(feet)*	Substance	Construction Material	Install Date *(mm/dd/yyyy)*	Date Last Used *(mm/dd/yyyy)*	Closure Date *(mm/dd/yyyy)*	Closure Type	UST #	Select Compartment *(If tank is compartmented)*
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4
									☐1 ☐2 ☐3 ☐4

Overall number of elbows and connectors:

Please justify In-Place Closure:

M DISPENSER INFORMATION

For all dispensers closed, list the dispenser number, product(s) dispensed, and date last used. Attach an additional sheet if more than seven (7) dispensers have been closed.

Product(s) Dispensed

GSL - Gasoline	**DSL** - Diesel	**DSB** - Diesel Containing >20% Biodiesel	**VGL** - Virgin Oil	**MXT** - Mixture of Substances *(List Substances)*	**KER** - Kerosene
E85 - E85 Gasoline Blend	**E15** - E15 Gasoline Blend	**RCF** - Racing Fuel (leaded)	**AVG** - AV Gas (leaded)	**UOL** - Used Oil	**OTH** - Other *(specify)*

Dispenser Closure Type

RMV - Removed **RPL -** Replaced

Dispenser Number	Product(s) Dispensed	Install Date *(mm/dd/yyyy)*	Date Last Used *(mm/dd/yyyy)*	Removal Date *(mm/dd/yyyy)*	Replacement Date *(mm/dd/yyyy)*	Closure Type

N STORAGE AND DISPOSAL

Method of liquid and/or sludge storage:

Tank liquids pumped from steel USTs into a mobile vacuum truck.

Method of liquid and/or sludge disposal:

Tank liquids were transported by mobile vacuum trucks to Green for Life Environmental disposal facility in Indianapolis, Indiana.

Location of UST System storage/disposal:

The USTs were transported to All Kinds of Scrap in Cannelton, Indiana.

O	UST REMOVAL					
Only complete this section if the tank(s) and/or piping were removed during closure.						
☒	Cut up for Disposal	☐	Stored on Site	☐	Stored off Site	
☐	Other:					
Amount of backfill material initially removed during UST system closure:						
Was there overexcavation that took place after removal of the UST system?				☐	Yes	☒ No
Amount of material overexcavated after removal of the UST system:						
After overexcavation, was free product present in the tank pit or piping runs?				☐	Yes	☒ No
Was bedrock encountered during UST system removal?				☐	Yes	☒ No
Was all contaminated material above the applicable screening levels excavated?				☐	Yes	☐ No
If all contaminated material was not excavated, explain: EPA Brownfields Assessment Grant used for UST removal. Overexcavation and disposal of contaminated soil is not an eligible activitiy of assessment funds.						
After tank removal, what material was used to backfill the excavation?						
☒	Gravel/Crushed Rock	☐	Clean Soil Fill	☐	Excavated Soil Pile	
☐	Other:	☐	Not Applicable:			
If water was encountered during excavation of the UST system, complete the following questions.						
Was water removed during excavation?				☐	Yes	☒ No
What was the amount of the water removed from the excavation?						
Was the water sampled?				☐	Yes	☐ No
If water was not sampled, explain: Groundwater not encountered in the UST excavation.						
Method of water disposal:						
If contamination above screening level was encountered, then based on visual inspection of the UST components during removal, which component(s) appears to have failed causing the contamination? *(Check all that apply.)*:						
☐	Piping *(including joints)*	☐	Vent Lines *(including joints)*	☐	Tanks	
☐	Spill/Overfill Equipment	☐	Dispensers *(including flex connectors)*	☐	Line Leak Detectors	
☐	Submersible Pump Heads	☐	None	☐	Other:	
Provide specific details about what was observed:						
If other, please explain:						
Based on the response above, what action or process appears to have caused the contamination? *(Check all that apply.)*:						
☐	Spill(s)	☐	Overfill(s)	☐	Pipe and/or Joint Failure	
☐	Human Error	☐	Corrosion	☐	Mechanical Failure	
☐	Unknown	☐	Other:			

P	IN-PLACE CLOSURE								
Only complete if the tank and/or piping were not removed during closure.									
What inert solid material was used to fill the tank(s) and/or piping:									
☐	Sand	☐	Sand/Soil	☐	Concrete				
☐	Concrete/ Bentonite	☐	Other:						
Was water encountered in the soil boring(s) during in-place closure?						☐	Yes	☐	No
Was bedrock encountered during UST system in-place closure?						☐	Yes	☐	No

Q	LABORATORY INFORMATION		
Laboratory Name		Soil	Water
Pace Analytical Services, Inc.		☒	☒
		☐	☐
		☐	☐

R	SOIL SCREENING LEVELS AND ANALYTICAL RESULTS				
Type of backfill originally used:	Crushed stone				
Native soil type description:	Silty clay				
Number of samples taken:	12				
Was the contaminant concentration for any soil sample collected after removal, in-place closure, or over-excavation above the Migration to Groundwater screening levels (MTGSL) for any Potential Petroleum Contaminants (PPC) or Chemical of Concern (COC)?		☒	Yes	☐	No

S	GROUND WATER SCREENING LEVELS AND ANALYTICAL RESULTS				
Number of samples taken:	2 (from temporary wells completed during Phase II)				
Was the contaminant concentration for any groundwater sample collected after removal, in-place closure, or over-excavation above the tap water screening levels (TWSL) for any Potential Petroleum Contaminants (PPC) or Chemical of Concern (COC)?		☒	Yes	☐	No

T	EXCAVATED SOIL/STOCKPILED SOIL ANALYTICAL RESULTS				
Number of samples taken:	None				
Was the contaminant concentration for any excavated/stockpiled soil sample collected after removal, in-place closure, or over-excavation above the Migration to Groundwater screening levels for any Potential Petroleum Contaminants (PPC) or Chemical of Concern (COC)?		☐	Yes	☐	No

U HISTORIC OPERATIONS INFORMATION

OWNERS OR OPERATORS DURING THE LAST TWENTY-FIVE (25) YEARS STARTING FROM THE PRESENT *(Include 'From' and 'To' ownership dates as well as names and addresses.)*

DATE (FROM)	DATE (TO)	OWNER NAME	OWNER ADDRESS *(number and street, city, state, and ZIP code)*
1910	2017	Can Clay Corporation	

TYPE OF FACILITY, PAST AND CURRENT OPERATIONS

Industrial manufacturer of clay pipe. On-site maintenance and fueling operations were also performed.

V SITE INFORMATION

SITE COVERAGE *(Check all that apply.)*

☐ Turf ☑ Concrete ☐ Asphalt

☑ Other: Gravel covers excavation area

SITE PROXIMITY TO BOTH HUMAN AND/OR ENVIRONMENTALLY SENSITIVE AREAS, SUCH AS RESIDENCES, SCHOOLS, WELLS, WELL FIELDS, OR WELLHEAD PROTECTION AREAS

W	INFORMATION ON ANY PREVIOUSLY CLOSED UST SYSTEM (VFC NUMBER), SUCH AS THE DATE CLOSED AND THE NUMBER, SIZE, AND PRODUCT STORED. PROVIDE VFC DOCUMENT NUMBER OR ATTACH CLOSED SYSTEM FILES IF NECESSARY.

X	***Closure Report Document should be arranged in the following order:***

1) UST Closure Report, State Form 56554
2) Site specific map with illustrated legends and compass directions and at appropriate scale to show site details:
   -Drainage features, surface slope or surface water run-off direction
   -Identified aboveground features: such as buildings, roadways, manways, pump islands, and utility and property lines
   -Identified subsurface features: such as tanks and excavation pit, piping, and utility conduits
   -Site surroundings: such as adjacent buildings, businesses, or human and environmentally sensitive areas, such as residences, schools, wells, well fields, or wellhead protection areas delineated in 327 IAC 8-4.1
   -Location of active and previously closed tanks as applicable
3) Sampling locations map:
   Locations where samples were taken, soil borings made, and monitoring wells drilled
4) Leak detection results *(Owner must attach copies of the last twelve (12) months of release detection records for the closed systems or explain above why records are not attached.)*
5) Most current tank and line tightness testing results
6) Leak detection methods used for tanks and piping. *(Owner must list what forms of release detection were in use for all systems closed during this closure.)*
7) Table showing the field screening values and lab values of each sample
8) QA/QC sample collection and laboratory methods
9) Laboratory data and chain of custody
10) Boring logs *(if needed)*
11) Disposal documentation (such as sludge, removed UST, removed piping, soil, and water)
12) Photo documentation *(Optional)*

Appendix C: Photographic Documentation

Photo #1: Approximate location of 10,000 gallon diesel UST near maintenance shop.

Photo #2: Approximate location of 10,000 gallon gasoline UST in front of overhead doors of maintenance shop.

Photo #3: View of uncovered 10,000 gallon diesel UST.

Photo #4: View of uncovered 10,000 gallon gasoline UST and pea gravel fill material in the UST.

Photo #5: View of UST removal and placement on trailer for transport and disposal.

Photo #6: View of the 10,000 gallon gasoline UST being cleaned and removed from the ground.

Photo #7: View of sidewalls and base following UST removal of the 10,000 gallon diesel UST.

Photo #8: Location of the 15,000 gallon fuel oil UST (still in place) southwest of the production building.

Photo #9: View of geophysical survey conducted in tunnel kiln building.

Photo #10: View of clay dump area near Ohio River.

Photo #11: Overview of the main facility from the roof of the production building. The kiln area, smoke stack, debris piles and tunnel kiln/joint building are shown. View is to the north.

Photo #12: View of the storage building.

Photo #13: View of the office building at 402 Washington Street.

Photo #14: View of the old machine shop.

Photo #15: View of the production building.

Photo #16: Third floor of production building.

Photo #15: View of the loading dock building.

Photo #16: View of the 3 car garage.

Photo #15: Interior of the clay shed.

Photo #16: View of the tunnel kiln building.

Appendix D: Soil Boring Logs

7988 Centerpoint Drive, Suite 100
Indianapolis, IN 46256
(317) 849-4990
Fax (317) 849-4278

TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-01**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/4/19**
Date Completed **11/4/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown, dry, sand, crushed stone, and coal fragments (FILL)			1			0.0	A hand-auger was used to advance the first two feet of this boring to reduce the possibility of damaging unidentified underground utilities.
			2	2.2		0.0	
			3			0.0	
		5					
			4			0.0	
	8.0			4.0	●		
Gray, moist, fine grained, SAND (SP)	8.5		5			0.0	The soil samples collected from the 0-2 ft and 6-8 ft intervals were submitted for laboratory analysis.
Gray, moist, fine to medium grained, CLAYEY SAND (SC)		10	6			0.0	
	12.0						
Brown and black, wet, coarse grained, SAND (SP) with coal fragments	12.5		7	4.5		0.0	
Gray with brown mottling, wet, SANDY CLAY (CL)			8			0.0	
	15.0	15					
Bottom of Boring at 15 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **8.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**

BORING #: **B-02**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started: **11/4/19**
Date Completed: **11/4/19**
Drill Foreman: **Z. Vaughan**
Boring Method: **Geoprobe**
Sampler OD: **2.0** in.
Inspector: **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
Brown, dry, sand, crushed stone, coal fragments, and clay pipe fragments (FILL)			1			0.0
			2	1.0		0.0
		5	3			0.0
			4			0.0
	7.0		5	3.5		0.0
Gray with gray mottling, moist, SANDY CLAY (CL)		10	6			0.0
			7	4.3		0.0
		15	8			0.0
- wet from 16 to 17 ft			9		●	0.0
			10	4.5		0.0
	20.0	20				
Bottom of Boring at 20 ft						

Sampling Notes

The soil samples collected from the 2-4 ft and 12-14 ft intervals were submitted for laboratory analysis.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **16.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**
BORING #: **B-03**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started: **11/4/19**
Date Completed: **11/4/19**
Drill Foreman: **Z. Vaughan**
Boring Method: **Geoprobe**
Sampler OD: **2.0** in.
Inspector: **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
Brown, dry, sand, crushed stone, coal, clay pipe fragments, and glass fragments (FILL)			1			0.0
	2.5		2	5.0		0.0
Brown, dry, SANDY CLAY (CL)		5	3			0.0
- light brown and moist below 6.0 ft			4			0.0
			5	4.8		0.0
		10	6			0.0
	13.0		7	4.3		0.0
Brown, moist, fine grained, CLAYEY SAND (SC)		15	8			0.0
			9			0.0
			10	4.8		0.0
		20				0.0
						0.0
		25				0.0
					●	0.0
- wet at 27.5 ft						0.0
	30.0	30				
Bottom of Boring at 30 ft						

Sampling Notes

The soil samples collected from the 0-2 ft and 24-16 ft intervals were submitted for laboratory analysis. The duplicate 1 soil sample was collected from the 24-26 ft interval.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **27.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-04**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/4/19**
Date Completed **11/4/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown, dry, sand, crushed stone, coal, and clay pipe fragments (FILL)			1			0.0	
			2	1.0		0.0	
	5.0	5	3			0.0	
Brown, dry, sandy clay (FILL)			4			0.0	
			5	4.0		0.0	
		10	6			0.0	
- light brown and very stiff below 11 ft			7	4.5		0.0	
			8			0.0	
		15	9		●	0.0	The soil samples collected from the 2-4 ft and 12-14 ft intervals were submitted for laboratory analysis.
	17.0		10	4.2		0.0	
Brown, wet, fine grained, clayey sand (FILL)		20	11			0.0	
	23.0		12	2.3		0.0	
Brown and gray, moist, sand with brick fragments and rounded pebbles (FILL)			13			0.0	
		25	14			0.0	
			15	2.7		0.0	
	30.0	30					
Bottom of Boring at 30 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **17.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-05**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/4/19**
Date Completed **11/4/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown, dry, sand, crushed stone, coal, and clay pipe fraagments (FILL)	1.5		1			0.0	
Black, dry, CLAY (CL)			2	4.5		0.0	
- brown and sandy below 2.0 ft		5	3			0.0	
			4			2.6	
			5	4.5		0.0	
		10	6			0.0	
	13.5		7	4.7		13.0	
Brown, dry, fine grained, SAND (SP) with interbedded sandy clay		15	8			9.1	The soil samples collected from the 0-2 ft and 12-14 ft intervals were submitted for laboratory analysis.
			9			0.0	
			10	4.2		0.0	
- brown and gray, moist, and fine to coarse grained with small pebbles and coal fragments below 18.5 ft		20	11			0.0	
			12	4.5		0.0	
		25	13			3.9	
			14		●	1.3	
- wet below 27 ft			15	5.0		0.0	
	30.0	30					
Bottom of Boring at 30 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **27.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-06**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown, dry, sand, crushed stone, coal, and clay pipe fragments (FILL)			1			0.0	
	2.5		2	4.1		0.0	
Brown, dry, SANDY CLAY (CL)		5	3			0.0	
			4			0.0	
			5	4.7		0.0	
		10	6			0.0	
			7	3.3		0.0	
		15	8			0.0	
- moist at 16.5 ft			9			0.0	The soil samples collected from the 0-2 ft and 16-18 ft intervals were submitted for laboratory analysis.
	18.0		10	4.7	●	0.0	
Brown, wet, fine grained, CLAYEY SAND (SC)	19.0	20	11			0.0	
Brown and gray, moist, fine to coarse grained, SAND (SP) with small pebbles			12	4.7		0.0	
		25	13			0.0	
			14			0.0	
			15	3.5		0.0	
	30.0	30					
Bottom of Boring at 3.0 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **18.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**

BORING #: **B-07**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started: **11/5/19**
Date Completed: **11/5/19**
Drill Foreman: **Z. Vaughan**
Boring Method: **Geoprobe**
Sampler OD: **2.0** in.
Inspector: **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
ASPHALT	0.3		1			0.0
Brown, dry, sand, crushed stone, clay, and clay pipe fragments (FILL)			2	1.3		0.0
	5.0	5	3			0.0
Brown, moist, sandy clay with crushed stone, coal, and clay pipe fragments (FILL)			4			0.0
			5	4.0		0.0
		10	6			0.0
	13.0		7	4.7		0.0
Light brown, moist, SANDY CLAY (CL)		15	8			0.0
			9			0.0
			10	4.7		0.0
	19.5	20				
Brown, moist, fine grained, CLAYEY SAND (SC)			11			0.0
			12	4.2		0.0
		25	13			0.0
			14			0.0
- wet at 27.5 ft	28.0				●	
			15	4.8		0.0
Brown and gray, wet, fine to coarse grained, SAND (SP) with smal pebbles	30.0	30				
Bottom of Boring at 30 ft						

Sampling Notes

The soil samples collected from the 4-6 ft and 24-26 ft intervals were submitted for laboratory analysis. The MS/MSD 1 soil sample was collected from the 24-26 ft interval.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **27.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**
BORING #: **B-08**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started: **11/5/19**
Date Completed: **11/5/19**
Drill Foreman: **Z. Vaughan**
Boring Method: **Geoprobe**
Sampler OD: **2.0** in.
Inspector: **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
ASPHALT	0.5		1			0.0	
Dry, crushed stone (FILL)	2.0		2	3.2		0.0	
Brown, dry, sand, crushed stone, coal, clay pipe fragments, and metal fragments (FILL)	4.5	5	3			0.0	
Brown, moist, SANDY CLAY (CL)			4			0.0	
			5	5.0		0.0	
		10	6			0.0	
			7	4.7		0.0	
		15	8			0.0	
			9			0.0	
	19.0		10	3.3		0.0	
Brown, moist, fine grained, SAND (SP)	20.0	20	11			0.0	The soil samples collected from the 2-4 ft and 20-22 ft intervals were submitted for laboratory analysis.
Brown, wet, SANDY CLAY (CL)	22.0		12	3.3		0.0	
Brown, wet, fine grained, CLAYEY SAND (SC)	23.0		13			0.0	
Brown and gray, moist to wet, fine to coarse grained, SAND (SP) with small pebbles		25	14			0.0	
			15	5.0		0.0	
		30	16			--	
			17	5.0		--	
- saturated at 35 ft		35	18		●	--	
			19			--	
			20	5.0		--	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **35.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-09**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
ASPHALT	0.5		1			0.0	
Crushed stone (FILL)	1.8		2	2.0		0.0	
Brown, dry, sand, sandy clay, crushed stone, coal, and clay pipe fragments (FILL)	4.5	5	3			0.0	
Brown, dry, SANDY CLAY (CL)			4			0.0	
			5	4.8		0.0	
		10	6			0.0	
			7	5.0		0.0	
- gray and moist between 14 and 17.5 ft		15	8			0.0	
			9			0.0	The soil samples collected from the 2-4 ft and 20-22 ft intervals were submitted for laboratory analysis.
	17.5						
Gray, moist, fine grained, CLAYEY SAND (SC) - brown between 18 and 22.5 ft		20	10	2.1		0.0	
			11			0.0	
- wet below 22.5 ft	23.5		12	3.0	●	0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles		25	13			0.0	
			14			0.0	
			15	3.3		0.0	
	30.0	30	16				
Bottom of Boring at 30 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **22.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-10**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Moist, TOPSOIL with clay pipe fragments	1.0		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Gray, dry, SANDY CLAY (SC)	1.5		2	5.0		0.0	
Tan, dry, fine to medium grained, SAND (SP)	4.0		3			0.0	
- black, fine grained, sand and coal below 2.0 ft		5	4			0.0	
Brown, moist, SANDY CLAY (CL)			5	5.0		0.0	
		10	6			0.0	
			7	5.0		0.0	
		15	8			0.0	
			9			0.0	
	19.0		10	5.0		0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)		20	11			0.0	The soil samples collected from the 0-2 ft and 2-4 ft intervals were submitted for laboratory analysis.
- wet between 22 and 22.5 ft			12	5.0	●	0.0	
		25	13			0.0	
	28.0		14			0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SP)			15	3.5		0.0	
		30	16			--	
			17	5.0		--	
		35	18			--	
			19			--	
	40.0	40	20	5.0		--	
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **22.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-11**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Dry, TOPSOIL with seathered sandstone	1.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Dark gray, moist, sandy clay with coal and clay pipe fragments			2	5.0		0.0	
		5	3			0.0	
	6.0		4			0.0	
Gray, moist, silty clay (FILL)			5	2.6		0.0	
		10	6			0.0	
			7	2.3		0.0	
		15	8			0.0	
			9			0.0	The soil samples collected from the 0-2 ft and 24-26 ft intervals were submitted for laboratory analysis.
			10	3.3		0.0	
		20	11			0.0	
			12	4.1		0.0	
		25	13			0.0	
- wet at 27 ft			14		●	0.0	
			15	5.0		0.0	
	29.9	30					
CONCRETE			16			--	
	32.0			0.0			
Bottom of Boring at 32 ft							Auger refusal at 32 ft.
							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **27.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-12**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Crushed stone and Brick (FILL)	0.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Dark brown, dry, sand with coal and brick fragments (FILL)			2	5.0		0.0	
	5.0	5	3			0.0	
Brown, moist, SANDY CLAY (CL)			4			0.0	
			5	5.0		0.0	
		10	6			0.0	
			7	2.0		0.0	
		15	8			0.0	
	17.0		9			0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)	18.0		10	5.0		0.0	
Brown, moist, fine grained, SAND (SP) with interbedded clayey sand		20	11			0.0	The soil samples collected from the 0-2 ft and 28-30 ft intervals were submitted for laboratory analysis.
			12	3.3		0.0	
	26.0	25	13			0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) with rounded pebbles			14			0.0	
			15	4.3		0.0	
		30	16			0.0	
			17	5.0	●	0.0	
- wet at 34 ft			18			0.0	
		35	19			0.0	
			20	4.2		0.0	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **34.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-13**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
CONCRETE	0.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, moist, SANDY CLAY (CL)			2	5.0		0.0	
		5	3			0.0	
- dark brown between 5.0 and 8.5 ft			4			0.0	
			5	5.0		0.0	
		10	6			0.0	
			7	5.0		0.0	
		15	8			0.0	
			9			0.0	
			10	5.0		0.0	
		20	11			0.0	The soil samples collected from the 0-2 ft and 28-30 ft intervals were submitted for laboratory analysis.
	22.0		12	5.0		0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)							
	25.0	25	13			0.0	
Brown, moist, SANDY CLAY (CL)	27.0		14			0.0	
Brown, moist, fine to coarse grained, SAND (SP)			15	5.0		0.0	
		30	16			0.0	
			17	5.0		0.0	
- wet at 35 ft		35	18		●	0.0	
			19			0.0	
			20	4.2		0.0	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **35.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-14**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/5/19**
Date Completed **11/5/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
ASPHALT	0.2		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, dry sand (FILL)	1.0						
Brown, moist, SANDY CLAY (CL)			2	5.0		0.0	
		5	3			0.0	
	6.0		4			0.0	
Brown, fine grained, CLAYEY SAND (SC)							
	8.5		5	4.8		0.0	
Brown, moist, SANDY CLAY (CL)		10	6			0.0	
- black between 10 and 11.5 ft			7	5.0		0.0	
			8			0.0	
		15	9			0.0	The soil samples collected from the 0-2 ft and 28-30 ft intervals were submitted for laboratory analysis.
			10	5.0		0.0	
		20	11			0.0	
	23.0		12	5.0		0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)							
	25.0	25	13			0.0	
Brown, moist, SANDY CLAY (CL)			14			0.0	
	28.5		15	5.0		0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)							
	30.0	30					
Bottom of Boring at 30 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
Noted on Drilling Tools **None** ft.
At Completion (open hole) -- ft.
After -- hours -- ft.
Cave Depth -- ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-15**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/6/19** Boring Method **Geoprobe**
Date Completed **11/6/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
CONCRETE and ASPHALT	0.8		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Gray, fine grained, sand and crushed stone with red clay dust (FILL)			2	5.0		0.0	
	5.0	5	3			0.0	
Light yellow, brick (FILL)	5.3						
Red, wet, SILTY CLAY (CL) with interbedded brown silty clay			4			0.0	
			5	5.0		0.0	
		10	6			0.0	
			7	4.3		0.0	
	14.0						
Brown, moist, SANDY CLAY (CL)	14.5	15	8			0.0	
Brown, moist, fine grained, CLAYEY SAND (SC) with interbedded brown sandy clay			9			0.0	The soil samples collected from the 0-2 ft and 6-8 ft intervals were submitted for laboratory analysis.
			10	5.0		0.0	
		20	11			0.0	
			12	2.0		0.0	
			13			0.0	
		25	14		●	0.0	
- wet at 26.5 ft							
	28.0		15	5.0		0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles	30.0	30					
Bottom of Boring at 30 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **26.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-16**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started	11/6/19	Well Material	PVC
Date Completed	11/6/19	Well Diameter	1.0 in.
Drill Foreman	Z. Vaughan	Screen Length	10 ft
Inspector	M. Foye	Slot Size	0.010 in.
Boring Method	Geoprobe	Development Method	BLR

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Well Diagram	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Red, dry, sand with crushed gravel and gray sandstone (FILL)				1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
				2	5.0		0.0	
				3			0.0	
- moist between 5.0 and 9.0 ft		5		4			0.0	
				5	1.7	●	0.0	
- saturated, brown clay and gray sandstone seam at 9.0 ft	10.0	10		6			0.0	The soil samples collected from the 0-2 ft and 7-9 ft intervals were submitted for laboratory analysis. The duplicate 2 soil sample was collected from the 0-2 ft interval.
No recovery				7	0.0		0.0	
				8			0.0	
Brown, moist, SILTY CLAY (CL)	15.0	15		9			0.0	
				10	3.3		0.0	
Bottom of Boring at 20 ft	20.0	20						A temporary well was installed in this boring for the collection of a groundwater sample

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools 9.0 ft.
▽ At Completion (open hole) -- ft.
▼ After -- hours -- ft.
Cave Depth -- ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
CV - Check Valve

ENV_GEOPROBE_WELL REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-17**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/6/19**
Date Completed **11/6/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
TOPSOIL	0.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Clay pipe fragments (FILL)	2.0		2	5.0		0.0	
Gray, moist, silty clay with coal and clay pipe fragments (FILL)		5	3			0.0	
			4			0.0	
			5	2.8		0.0	
		10	6			0.0	
			7	3.5		0.0	
		15	8			0.0	
			9			0.0	
	18.0		10	5.0		0.0	
Brown, moist, SANDY CLAY (CL)		20	11		●	0.0	The soil samples collected from the 0-2 ft and 18-20 ft intervals were submitted for laboratory analysis. The MS/MSD 2 soil sample was collected from the 18-20 ft interval.
- saturated at 20.5 ft	23.0		12	5.0		0.0	
Brown, wet, fine grained, CLAYEY SAND (SC) with interbedded gray sandy clay		25	13			0.0	
			14			0.0	
			15	5.0		0.0	
		30	16			0.0	
			17	0.0		0.0	
		35	18			0.0	
	37.0		19			0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles	40.0		20	1.7		0.0	
		40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **20.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-18**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/7/19** Boring Method **Geoprobe**
Date Completed **11/7/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
6 inches of ASPHALT over gravel and sand fill	1.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Dark brown, dry, SAND and GRAVEL (SPG)	5.0	5	2	5.0		0.0	
			3			0.0	
Gray, moist, SILTY CLAY (CL)			4			0.0	
			5	3.4		0.0	
		10	6			0.0	
			7	4.8		0.0	
	15.5	15	8			0.0	
Brown, moist, SANDY CLAY (CL)			9			0.0	
			10	5.0		0.0	
		20	11			0.0	The soil samples collected from the 2-4 ft and 33-35 ft intervals were submitted for laboratory analysis.
	22.0		12			0.0	
Gray, moist, fine grained, CLAYEY SAND (SC) with interbedded gray sandy clay			13	3.1		0.0	
		25	14			0.0	
	27.0		15	5.0		0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles			16			0.0	
			17	5.0		28	
		30	18		●	56	Strong odor and sheen from 33 to 37 ft.
- wet at 35 ft		35	19			9.3	
			20	4.2		3.5	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **35.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-19**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/7/19** Boring Method **Geoprobe**
Date Completed **11/7/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
ASPHALT	0.6		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Crushed stone, coal, and clay pipe fragments (FILL)	3.0		2	5.0		0.0	
Brown, moist, sandy clay with brick fragments (FILL)		5	3			0.0	
			4			14.7	Black staining between 6.0 and 6.5 ft.
			5	4.0		0.0	
		10	6			0.0	
			7	5.0		0.0	
		15	8			0.0	
			9			0.0	
	19.0		10	4.3		0.0	
Brown, moist, fine grained, SAND (SP) with interbedded brown clayey sand		20	11			0.0	The soil samples collected from the 2-4 ft and 6-8 ft intervals were submitted for laboratory analysis.
			12	4.7		0.0	
	24.5	25	13			0.0	
Brown and gray, moist, poorly sorted, fine grained, SAND (SW) with rounded pebbles			14			0.0	
			15	3.9		0.0	
		30	16			0.0	
			17	4.3		0.0	
- wet at 35 ft		35	18		●	0.0	
			19			0.0	
			20	5.0		0.0	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **35.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-20**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/7/19** Boring Method **Geoprobe**
Date Completed **11/7/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
TOPSOIL with crushed stone	0.5		1			0.0
Brown, wet, sandy clay with coal fragments and crushed stone			2	5.0		0.0
		5	3			0.0
			4			0.0
	9.5		5	4.8		0.0
Brown, wet, fine grained, CLAYEY SAND (SC) with coal fragments		10	6			0.0
			7	5.0		0.0
	15.5	15	8			0.0
Gray, wet, SILTY CLAY (CL)			9			0.0
			10	5.0		0.0
		20	11			0.0
	23.0		12	4.3		0.0
Brown, moist, SANDY CLAY (CL) with gray silty clay		25	13			0.0
			14			0.0
			15	0.0		0.0
	30.0	30	16			0.0
Gray, moist, SILTY CLAY (CL)			17	5.0		0.0
		35	18			0.0
			19			0.0
- wet at 38 ft	39.0		20	4.1	●	0.0
Brown, wet, fine grained, SAND (SP)	40.0	40				
Bottom of Boring at 40 ft						

TEST DATA

Sampling Notes

A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.

The soil samples collected from the 0-2 ft and 36-38 ft intervals were submitted for laboratory analysis. The duplicate 3 soil sample was collected from the 0-2 ft interval.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **38.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-21**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/8/19**
Date Completed **11/8/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
6 inches of ASPHALT over sand and gravel fill	1.0		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Black, dry, clayey sand with gravel and clay pipe fragments (FILL)			2	5.0		0.0	
	5.0	5	3			0.0	
Brown, moist, sandy clay with coal and clay pipe fragments (FILL)			4			0.0	
	9.5		5	3.9		0.0	
Gray, moist, SILTY CLAY (CL)		10	6			0.0	
			7	4.1		0.0	
		15	8			0.0	
	16.5		9			0.0	
Brown, moist, SANDY CLAY (CL)			10	3.4		0.0	
	19.8	20					
Brown, wet, fine grained, CLAYEY SAND (SC)			11			0.0	The soil samples collected from the 2-4 ft and 22-24 ft intervals were submitted for laboratory analysis. The MS/MSD 3 soil sample was collected from the 22-24 ft interval.
- wet between 21 and 25 ft			12	5.0		0.0	
	25.0	25	13			0.0	
Brown, moist, SANDY CLAY (CL) with gray silty clay			14			0.0	
	29.5		15	5.0		0.0	
Brown and gay, moist, fine grained, CLAYEY SAND (SC)		30	16			0.0	
			17	5.0		0.0	
		35	18			0.0	
- wet at 36 ft			19		●	0.0	
	40.0		20	5.0		0.0	
		40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **36.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-22**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/8/19**
Date Completed **11/8/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown, dry, topsoil, crushed stone, clay pipe fragments, sand, and sandy clay (FILL)			1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
			2	5.0		0.0	
		5	3			0.0	
			4			0.0	
	8.0		5	2.2		0.0	
Brown, dry, sandy clay with coal and clay pipe fragments (FILL)		10	6			0.0	Black staining between 8.0 and 9.5 ft.
			7	4.6		0.0	
		15	8			0.0	
			9			0.0	
	18.0		10	4.4	●	0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, CLAYEY SAND (SC)		20	11			0.0	The soil samples collected from the 2-4 ft and 8-10 ft intervals were submitted for laboratory analysis. The duplicate 4 soil sample was collected from the 0-2 ft interval.
	23.5		12	3.9		0.0	
Brown, wet, SANDY CLAY (CL) with gray mottling silty clay		25	13			0.0	
			14			0.0	
			15	5.0		0.0	
		30	16			0.0	
	33.0		17	3.3		0.0	
Brown, wet, fine grained, CLAYEY SAND (SC)		35	18			0.0	
			19			0.0	
			20	5.0		0.0	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **18.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**

BORING #: **B-23**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started	11/8/19	Well Material	PVC
Date Completed	11/8/19	Well Diameter	1.0 in.
Drill Foreman	Z. Vaughan	Screen Length	10 ft
Inspector	M. Foye	Slot Size	0.010 in.
Boring Method	Geoprobe	Development Method	BLR

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Well Diagram	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
TOPSOIL	0.5			1			1.2	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Tan, dry, fine grained sand with clay pipe fragments, and crushed stone (FILL)				2	5.0		0.5	
		5		3			0.0	
				4			0.0	
	9.0			5	2.0		0.0	
Brown, moist, fine grained sand with coal fragments		10		6			0.0	Black staining between 9.0 and 10 ft.
	11.5							
Tan, dry, fine grained, SAND (SP)	13.0			7	4.0		0.0	
Brown, moist, SANDY CLAY (CL)	14.0						115	
Gray, wet, fine to medium grained, SAND (SP)		15		8			15.9	
				9				
				10	4.3	●	15.2	Strong odor and sheen between 19 and 30 ft. The soil samples collected from the 0-2 ft and 18-20 ft intervals were submitted for laboratory analysis.
		20		11			151	
	22.0							
Brown, wet, SANDY CLAY (CL)	23.0			12	4.7		120	
Gray, wet, SILTY CLAY (CL)		25		13			7.7	
				14			3.8	
	28.0			15	2.0		1.5	
Brown and gray, wet, SANDY SILT (ML)		30		16			1.2	A temporary well was installed in this boring for the collection of a groundwater sample
- brown below 30 ft				17	1.0		0.5	
		35		18			0.5	
				19			0.0	
	40.0			20	4.2		0.0	
		40						
Bottom of Boring at 40 ft								Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools 19.0 ft.
▽ At Completion (open hole) -- ft.
▼ After -- hours -- ft.
Cave Depth -- ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
CV - Check Valve

ENV_GEOPROBE_WELL REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-24**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/8/19** Boring Method **Geoprobe**
Date Completed **11/8/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Moist, TOPSOIL with crushed stone	1.0		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, moist, SILTY CLAY (CL)			2	5.0		0.0	
		5	3			0.0	
			4			0.0	
	8.0		5	5.0		0.0	
Brown, moist, SANDY CLAY (CL)		10	6			0.0	
	12.5		7	4.2		0.0	
Brown, moist, fine grained, CLAYEY SAND (SC)		15	8			0.0	
	17.0		9			0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles and coal fragments			10	4.1		0.0	
		20	11			0.0	The soil samples collected from the 0-2 ft and 24-26 ft intervals were submitted for laboratory analysis. The MS/MSD 4 soil sample was collected from the 0-2 ft interval.
			12	4.5		0.0	
		25	13			0.0	
- wet at 27.5 ft			14		●	0.0	
			15	5.0		0.0	
		30	16			0.0	
			17	5.0		0.0	
		35	18			0.0	
			19			0.0	
	40.0		20	5.0		0.0	
		40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **27.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-25**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/8/19** Boring Method **Geoprobe**
Date Completed **11/8/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
CONCRETE	0.5		1			0.0
Brown, dry, fine grained, SAND (SP) with round pebbles			2	5.0		0.0
	4.5	5	3			0.0
Brown, moist, SILTY CLAY (CL)			4			0.0
	9.0		5	4.4		0.0
Brown, moist, fine to coarse grained, SAND (SP) with round pebbles		10	6			0.0
			7	2.6		0.0
	14.0					
Brown, moist, SANDY CLAY (CL)	15.0		8			0.0
Brown, moist, fine grained, CLAYEY SAND (SC) with interbedded rounded sandy pebbles		15	9			0.0
			10	2.9		0.0
		20	11			0.0
			12	2.0		0.0
		25	13			0.0
			14			0.0
			15	4.3		0.0
		30	16			0.0
	33.0		17	4.3	●	0.0
Brown and gray, wet, fine to coarse grained, SAND (SW)			18			0.0
		35	19			0.0
			20	5.0		0.0
	40.0	40				
Bottom of Boring at 40 ft						

Sampling Notes

A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.

The soil samples collected from the 0-2 ft and 31-33 ft intervals were submitted for laboratory analysis.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **33.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-26**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19**
Date Completed **11/11/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
TOPSOIL	0.3		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, moist, silty clay with coal fragments (FILL)			2	5.0		0.0	
		5	3			0.0	
			4			0.0	
	9.5		5	2.0		0.0	
Brown, moist, SANDY CLAY (CL) with coal fragments		10	6			0.0	
			7	5.0		0.0	
		15	8			0.0	
			9			0.0	
			10	5.0		0.0	
		20	11			0.0	The soil samples collected from the 0-2 ft and 22-24 ft intervals were submitted for laboratory analysis.
			12	5.0		0.0	
- very moist at 24 ft			13		●	0.0	
- wet at 26 ft		25	14			0.0	
	29.5		15	5.0		0.0	
Gray, wet, SILTY CLAY (CL)		30	16			0.0	
			17	4.1		0.0	
	34.0		18			0.0	
Brown, wet, SILT (ML)		35	19			0.0	
	37.5		20	5.0		0.0	
Brown, wet, fine grained, CLAYEY SAND (SC)	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **26.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-27**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19**
Date Completed **11/11/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)
Brown, moist, sandy clay with broken clay pipes, coal, and brick fragments (FILL)			1			0.0
			2	5.0		0.0
		5	3			0.0
	6.0		4			0.0
Brown, moist, SILTY CLAY (CL)			5	5.0		0.0
		10	6			0.0
			7	5.0		0.0
		15	8			0.0
	18.0		9			0.0
Brown, moist, SANDY CLAY (CL)			10	3.9		0.0
	20.5	20	11		●	0.0
Brown, wet, SILT (ML)			12	5.0		0.0
		25	13			0.0
	27.0		14			0.0
Gray, wet, SILTY CLAY (CL)	28.0		15	5.0		0.0
Gray, wet, SILT (ML)	29.0					
Gray, wet, fine grained, CLAYEY SAND (SC)		30	16			0.0
			17	5.0		0.0
		35	18			0.0
			19			0.0
	39.0		20	5.0		0.0
Brown, wet, poorly sorted, fine to coarse grained, SAND (SW) with small rounded pebbles	40.0	40				
Bottom of Boring at 40 ft						

Sampling Notes

A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.

The soil samples collected from the 0-2 ft and 18-20 ft intervals were submitted for laboratory analysis.

Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **20.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-28**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19**
Date Completed **11/11/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Brown and gray, dry, sandy clay with broken clay pipe, coal fragments, and crushed stone (FILL)			1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
			2	5.0		0.0	
		5	3			0.0	
	6.5		4			0.0	
Brown, moist, SILTY CLAY (CL)			5	4.3		0.0	
		10	6			0.0	
			7	4.8		0.0	
		15	8			0.0	
			9			0.0	
			10	4.1		0.0	
		20	11			0.0	
- dry, with interbedded red sand, coal, and sandstone fragments below 20 ft	23.5		12	5.0		0.0	The soil samples collected from the 0-2 ft and 20-22 ft intervals were submitted for laboratory analysis.
Gray and brown, moist, fine grained, SAND (SP)		25	13			0.0	
			14			0.0	
			15	4.0		0.0	
		30	16			0.0	
	33.5		17	4.6	●	0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) - wet at 34 ft		35	18			0.0	
			19			0.0	
			20	5.0		0.0	
	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **34.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT: **Indiana 15 Regional Planning Commission**
PROJECT NAME: **Can Clay Facility**
PROJECT LOCATION: **402 Washington Street, Cannelton, Indiana 47520**

BORING #: **B-29**
JOB #: **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started: **11/11/19**
Date Completed: **11/11/19**
Drill Foreman: **Z. Vaughan**
Boring Method: **Geoprobe**
Sampler OD: **2.0** in.
Inspector: **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
Crushed stone (FILL)	0.5		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Black and brown, dry, sandy clay with crushed stone (FILL)	4.0		2	5.0		0.0	
Brown, dry, fine grained, sand with coal fragments (FILL)		5	3			0.0	
			4			0.0	
			5	2.0		0.0	
		10	6			0.0	
			7	1.3		0.0	
		15	8			0.0	
			9			0.0	
- gray and brown, medium grained below 17 ft - crushed stone and coal fragments seam at 17.5 ft			10	2.3		0.0	
		20	11			0.0	The soil samples collected from the 0-2 ft and 24-26 ft intervals were submitted for laboratory analysis.
			12	3.4		0.0	
		25	13			0.0	
	28.0		14			0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, SAND (SW) with rounded pebbles		30	15	3.3		0.0	
			16			0.0	
	32.5		17	4.8	●	0.0	
Brown, wet, SILT (ML)		35	18			0.0	
			19			0.0	
	38.0		20	5.0		0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, SAND (SW) with rounded pebbles	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **32.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-30**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19**
Date Completed **11/11/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
CONCRETE	0.6		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Black and black, moist, sandy clay with crushed stone (FILL)			2	5.0		0.0	
		5	3			0.0	
	6.5		4			0.0	
Brown, moist, SILT (ML)			5	3.3		0.0	
		10	6			0.0	
			7	5.0		0.0	
		15	8			0.0	
			9			0.0	
	18.0		10	4.3		0.0	
Gray, moist, fine to medium grained, SAND (SP)		20	11			0.0	The soil samples collected from the 0-2 ft and 26-28 ft intervals were submitted for laboratory analysis.
			12	3.3		0.0	
		25	13			0.0	
	28.0		14			0.0	
Brown, wet, SILT (ML)			15	5.0	●	0.0	
		30	16			0.0	
			17	5.0		0.0	
	34.0		18			0.0	
Gray, wet, SILTY CLAY (CL)		35	19			0.0	
	38.0		20	5.0		0.0	
Brown, wet, SILT (ML)	40.0	40					
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **28.5** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission** BORING # **B-31**
PROJECT NAME **Can Clay Facility** JOB # **170IRP08P**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19** Boring Method **Geoprobe**
Date Completed **11/11/19** Sampler OD **2.0** in.
Drill Foreman **Z. Vaughan** Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
CONCRETE	0.6		1			0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, moist, sandy clay with crushed stone (FILL)			2	5.0		0.0	
		5	3			0.0	
	6.0		4			0.0	
Brown, moist, SILT (ML0			5	2.1		0.0	
	10.0	10	6			0.0	
Gray, moist, fine to medium grained, SAND (SP)			7	3.3		0.0	
	14.0		8			0.0	
Gray, moist, SILTY CLAY (CL)		15	9		●	0.0	The soil samples collected from the 0-2 ft and 8-10 ft intervals were submitted for laboratory analysis.
- wet at 16 ft			10	3.7		0.0	
		20	11			0.0	
			12	4.7		0.0	
		25	13			0.0	
			14			0.0	
			15	5.0		0.0	
	30.0	30	16			0.0	
Brown and gray, wet, poorly sorted, fine to coarse grained, SAND (SW) with rounded pebbles			17	5.0		0.0	
	35.0	35	18			0.0	
Bottom of Boring at 35 ft			19				
			20	5.0			Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **16.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

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TEST BORING LOG

CLIENT **Indiana 15 Regional Planning Commission**
PROJECT NAME **Can Clay Facility**
PROJECT LOCATION **402 Washington Street**
Cannelton, Indiana 47520

BORING # **B-32**
JOB # **170IRP08P**

DRILLING and SAMPLING INFORMATION

Date Started **11/11/19**
Date Completed **11/11/19**
Drill Foreman **Z. Vaughan**
Boring Method **Geoprobe**
Sampler OD **2.0** in.
Inspector **M. Foye**

TEST DATA

SOIL CLASSIFICATION / SURFACE ELEVATION	Stratum Depth	Depth Scale	Sample No.	Recovery (ft)	Groundwater	Total Photoionizable Vapors (ppm)	Sampling Notes
CONCRETE	0.6					0.0	A hand-auger was used to advance the first five feet of this boring to reduce the possibility of damaging unidentified underground utilities.
Brown, wet, SANDY CLAY with silty clay						0.0	
- no silty clay below 4.0 ft		5				0.0	
	8.5					0.0	
Brown, wet, fine grained, SAND (SP)		10				0.0	
						0.0	
- brown and gray, moist, and fine to medium grained below 13.5 ft		15				0.0	
						0.0	
	18.0					0.0	
Brown and gray, moist, poorly sorted, fine to coarse grained, SAND (SW) with rounded pebbles		20				0.0	The soil samples collected from the 0-2 ft and 24-26 ft intervals were submitted for laboratory analysis.
	24.0				●	0.0	Black staining and strong odor between 24 and 26 ft.
Brown, wet, SILT (ML)		25				0.0	
- saturated at 28 ft						0.0	
		30				0.0	
						0.0	
		35				0.0	
						0.0	
	40.0	40				0.0	
Bottom of Boring at 40 ft							Drillier's License No. 2581

TPV - Total Photo-Ionization Vapors
TFV - Total Flame-Ionization Vapors
PPM - Parts Per Million
ND - None Detected
PVC - Polyvinyl Chloride
NA - Not Analyzed

Depth to Groundwater
● Noted on Drilling Tools **24.0** ft.
▽ At Completion (open hole) **--** ft.
▼ After **--** hours **--** ft.
Cave Depth **--** ft.

HSA - Hollow Stem Augers
CFA - Continuous Flight Augers
HA - Hand Auger
BLR - Bailer
BP - Bladder Pump
PP - Peristaltic Pump
SP - Submersible Pump

ENV_GEOPROBE_STANDARD REV1 170IRPC08P.GPJ ATCENVGE.GDT 12/17/19

Appendix E: Low Flow Groundwater Sampling Logs

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 20, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-1	1"	11/19/19	0920	7.77	14.34	4	20	80	12	20	2,800	6.74	2.46	682	-35.9	1679	12.90
			0925									6.68	3.71	666	-24.7	1559	13.38
			0930									6.72	4.85	664	-20.5	1398	12.95
			0935									6.79	6.56	658	-19.7	1122	12.03
			0940									6.84	7.54	658	-20.6	986	11.13
			0945									6.88	8.06	660	-21.8	822	10.70
			0950									6.90	8.32	664	-22.5	700	10.30
			0955									6.91	8.35	666	-22.7	661	10.20

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 20, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-2	1"	11/20/19	1045	11.08	19.43	--	--	--	--	--	--	--	--	--	--	--	--

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
- Due to a bend in the casing approximatly 5 feet downhole, a pump or bailer could not be used to sample this well. Check valve and dedicated tubing was used to collect a grab sample of this well.
- Sample collected at 1500 on 12/2/19

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 20, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-3	1"	11/20/19	1120	26.15	28.79	4	20	80	26.5	40	2,000	6.22	6.24	682	174.0	921	18.26
			1125									6.22	5.04	626	180.5	537	18.03
			1130									6.21	4.44	599	182.0	292	17.93
			1135									6.19	3.95	580	180.9	167	17.90
			1140									6.19	3.83	572	178.8	137	17.98
			1145									6.17	3.66	566	174.6	115	18.40

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-4	1"	1/14/20	1100	17.53	29.31	4	8	32	28	25	960	5.71	106.7	961	214.7	1008	14.70
			1105									5.79	10.41	913	205.8	826	14.60
			1110									5.78	10.32	905	205.6	791	14.60
			1115									5.78	10.00	872	204.7	660	14.70
			1120									5.78	9.98	871	204.7	658	14.70
			1125									5.78	9.96	871	204.8	659	14.70
			1130									5.78	9.98	870	204.8	652	14.70

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-5	1"	1/14/20	1530	16.23	29.30	4	8	32	28	25	800	5.81	7.14	821	134.7	485	18.20
			1535									5.81	7.13	818	138.7	472	18.49
			1540									5.79	6.26	757	146.8	351	19.72
			1545									5.78	5.93	738	152.8	347	19.75
			1550									5.78	5.91	735	158.7	255	19.80
			1555									5.78	5.83	731	163.1	240	19.82

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-6	1"	1/14/20	1610	18.96	29.59	4	5	20	28	25	400	6.5	9.93	365	153	3256	14.65
			1615									6.37	8.94	095	155.7	1671	14.17
			1620									6.29	8.89	0000	164.1	813	13.27
			1625									6.25	8.87	0000	171.4	462	13.52
			1630									6.24	8.72	0000	172.9	294	13.80

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-7	1"	1/14/20	1435	19.96	28.74	4	5	20	26.5	25	600	5.97	7.79	704	113.1	304	18.40
			1440									5.91	7.42	706	120.8	290	18.58
			1445									5.86	7.13	704	134.4	219	19.30
			1450									5.80	6.40	702	145.3	158	19.70
			1455									5.79	6.28	706	145.9	147	19.80
			1500									5.79	6.25	709	146.4	148	19.90
			1505									5.79	6.20	707	146.8	142	20.10

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
- blind duplicate 7 collected

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 25, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-8	1"	11/25/19	1100	33.32	39.54	4	25	100	38	50	3,000	7.01	6.90	1296	114.0	3487	17.40
			1105									6.76	4.01	1281	135.5	2528	17.60
			1110									6.76	4.22	1292	141.2	1422	17.40
			1115									6.76	4.40	1293	154.0	907	17.40
			1120									6.76	4.69	1293	149.5	470	17.30
			1125									6.76	4.71	1294	149.9	448	17.30
			1130									6.76	4.74	1293	150.6	381	17.32

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-9	1"	1/14/20	1750	20.71	29.57	4	10	40	28	25	800	6.41	5.35	112	140.6	2192	15.08
			1755									6.49	5.51	139	141.7	1774	15.01
			1800									6.51	6.97	153	145.9	579	14.99
			1805									6.51	7.23	157	148.6	399	14.47
			1810									6.54	7.76	160	149.9	292	14.08

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 28, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-10	1"	11/28/19	1250	35.31	38.51	4	25	100	38	50	4,000	7.09	5.91	1148	105.3	0.0	18.50
			1255									7.17	2.49	1104	71.4	0.0	18.40
			1300									6.92	3.56	1015	95.3	2202	18.48
			1305									7.27	9.44	904	92.6	3270	18.50
			1310									7.36	5.25	903	92.9	3268	18.67
			1315									7.40	9.40	902	94.6	3066	18.80
			1320									7.42	9.40	865	90.1	2805	18.80
			1325									7.42	9.40	860	81.7	1497	18.80
			1330									7.43	9.40	858	80.4	528	18.80

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 25, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-11	1"	11/25/19	1530	30.61	32.50	4	20	--	32	30	--	--	--	--	--	--	--

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
- well did not produce sufficient groundwater to allow for stabilization
- returned to the well on 12/2/19 and collected grab sample using a dedicated bailer

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 21, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-12	1"	11/21/19	1350	35.52	39.47	4	20	80	37	40	2,800	6.88	6.53	1175	104.8	--	16.43
			1355									6.84	6.26	1191	118.9	3092	16.20
			1400									6.79	5.81	1190	131.9	1121	16.00
			1405									6.79	5.81	1194	132.9	1102	16.00
			1410									6.78	5.88	1199	137.2	466	15.90
			1415									6.78	5.92	1201	138.5	351	15.90
			1420									6.77	6.07	1202	139.2	237	15.87
			1425									6.77	6.11	1203	141.0	167	15.85

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 25, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-13	1"	11/25/19	930	33.68	39.45	4	20	80	38	40	2,000	7.53	10.15	1363	81.6	2784	13.70
												7.50	10.25	1385	88.3	--	13.90
												7.44	10.16	1384	94.4	3561	14.40
												7.42	10.14	1385	97.3	2719	14.50
												7.41	10.15	1351	101.2	3988	14.40
												7.42	10.11	1341	102.9	--	14.25

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-14	1"	1/14/20	1700	22.81	29.22	4	5	20	28	25	500	6.58	8.79	287	158.7	2176	15.98
			1706									6.55	8.82	265	156.2	1873	15.27
			1710									6.51	8.91	186.3	154.1	1005	14.92
			1715									6.49	8.97	167.8	153.7	872	14.79
			1720									6.42	9.13	161.4	145.7	534	14.51
			1725									6.42	9.67	158.6	142.1	891	14.50

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-15	1"	1/14/20	1835	21.24	29.60	4	5	20	28	25	400	6.37	8.88	242	166.9	2951	15.00
			1840									6.41	9.07	192.1	164.8	1216	14.79
			1845									6.77	9.17	157.7	161.7	597	13.35
			1850									6.46	9.43	154.4	159.7	312	13.53
			1855									6.46	9.96	150.3	157.3	298	13.81

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 22, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-16	1"	11/22/19	1030	7.93	17.65	4	20	80	15.5	30	1,200	7.59	2.88	1769	100.2	597	14.50
			1035									7.61	3.08	1751	98.7	550	14.50
			1040									7.61	3.03	1762	98.7	544	14.50
			1045									7.61	3.03	1753	98.4	482	14.60

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 21, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-17	1"	11/21/19	1040	28.99	32.54	4	5	20	31	55	800	6.35	4.91	793	47.4	47.8	16.68
			1045									6.18	2.69	750	70.6	2766	16.50
			1050									6.18	2.68	751	73.1	2154	16.36
			1055									6.20	2.84	746	75.6	1790	16.10
			1100									6.22	3.14	750	74.2	1819	15.80
			1105									6.24	3.36	777	69.4	2573	15.28
			1110									6.26	3.36	820	61.4	2706	14.70
			1115									6.26	3.30	846	59.4	2759	14.60
			1120									6.26	3.23	854	57.5	2717	14.50

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
- odor and sheen noted

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 21, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-18	1"	11/21/19	815	33.60	39.09	4	20	80	37.5	55	2,000	7.07	1.13	1083	-93.3	1721	16.00
												7.12	0.65	1086	-104.6	1763	15.90
												7.23	0.44	1103	-119.6	1072	16.10
												7.24	0.48	1099	-121.4	1025	16.40
												7.25	0.49	1104	-122.3	867	16.40
												7.25	0.51	1109	-122.8	797	16.50

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

-strong odor and sheen noted

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 21, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-19	1"	11/21/19	0925	32.75	38.72	4	20	80	37.5	55	2,400	7.23	8.01	1221	50.9	703	15.40
			0930									6.76	4.91	1190	90.3	3662	16.50
			0935									6.62	4.88	1149	109.3	2293	16.90
			0940									6.61	5.98	1128	117.2	1609	17.00
			0945									6.62	7.63	1109	121.5	1003	17.10
			0950									6.63	8.06	1096	125.9	924	17.00
			0955									6.62	8.18	1080	127.9	733	17.00

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 20, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-20	1"	11/20/19	1300	29.54	39.56	4	30	120	37.5	60	3,000	6.33	60.8	1216	-13.8	2598	18.00
			1305									6.37	6.05	1210	-12.1	2628	17.60
			1310									6.40	6.06	1233	-8.0	2652	17.03
			1315									6.42	3.17	1233	-7.2	2438	16.63
			1320									6.41	6.27	1233	-6.1	1770	16.60
			1325									6.41	6.29	1229	-7.5	1609	16.60

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 20, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-21	1"	11/20/19	1415	28.73	39.51	4	20	80	38	60	2,000	5.69	5.44	526	159.8	184	16.70
			1420									5.60	3.08	520	171.8	187	16.70
			1425									5.94	2.28	635	72.9	206	16.50
			1430									6.09	2.37	681	36.4	142	16.50
			1435									6.15	2.52	695	24.1	107	16.50
			1440									6.20	2.39	701	19.0	78.2	16.50

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
-blind dupicate 5 collected

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 22, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-22	1"	11/22/19	1455	32.57	37.57	4	20	80	35.5	55	2,800	6.93	8.01	767	27.2	--	12.48
			1500									6.94	8.21	767	39.7	--	12.40
			1505									6.94	8.68	765	65.1	2064	12.45
			1530									6.77	9.61	705	103.9	--	12.50
			1535									6.64	9.55	694	120.3	--	12.50
			1540									6.64	9.55	691	120.5	--	12.50
			1545									6.64	9.56	695	120.6	--	12.43

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
-strong odor and sheen observed

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 22, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-23	1"	11/22/19	1150	19.70	29.67	4	25	100	27	55	2,500	6.86	0.77	664	-91.5	1849	14.30
			1155									6.84	0.45	663	-94.0	1022	15.00
			1200									6.83	0.49	668	-92.6	845	15.00
			1205									6.81	0.58	661	-91.7	575	15.30
			1210									6.79	0.77	662	-97.0	216	15.30
			1215									6.79	0.80	670	-98.1	195	15.20

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
-strong odor and sheen observed

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 26, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-24	1"	11/26/19	1620	29.34	38.45	4	20	80	38	50	2,400	7.51	2.73	756	-1.4	10.7	14.68
			1625									7.31	2.67	735	-4.7	1805	14.20
			1630									7.14	3.15	681	8.1	--	14.10
			1635									6.95	3.54	647	29.9	--	13.93
			1640									6.94	3.56	644	31.0	--	13.90
			1645									6.92	3.59	645	32.4	3905	13.90
			1650									6.91	3.59	647	33.1	3849	13.90

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 26, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-25	1"	11/26/19	1500	33.30	38.65	4	20	80	37.5	50	2,400	7.94	9.72	883	47.8	3828	15.43
			1505									7.82	9.73	888	49.7	--	15.63
			1510									7.74	9.77	897	64.9	--	15.70
			1515									7.72	9.75	902	67.5	3137	15.70
			1520									7.71	9.78	904	72.5	1937	15.60
			1525									7.68	9.81	911	80.9	873	15.42
			1530									7.67	9.83	915	90.8	474	15.20

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-26	1"	1/14/20	1325	23.47	39.14	4	8	32	38	30	480	6.16	5.40	811	58.5	807	21.45
			1330									6.16	4.75	804	58.5	693	21.90
			1335									6.16	4.68	805	57.5	633	21.95
			1340									6.17	4.40	808	57.4	621	21.80

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 25, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-27	1"	11/25/19	1510	30.28	38.54	4	20	80	37.5	40	4,000	6.97	7.83	834	72.5	2499	17.30
			1515									6.77	6.91	842	89.8	--	16.90
			1520									6.67	4.88	854	30.1	--	16.55
			1525									6.66	4.61	853	43.4	--	16.50
			1530									6.60	2.24	845	81.3	2409	16.40
			1535									6.60	2.11	847	68.1	2819	16.40
			1540									6.63	2.56	845	24.9	--	16.30
			1545									6.65	5.14	846	10.5	--	16.20
			1550									6.67	6.60	848	1.7	2311	16.10
			1555									6.70	7.18	857	0.7	1317	16.06
			1600									6.71	7.62	864	-1.2	567	16.00

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 25, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-28	1"	11/25/19	1645	34.45	39.14	4	20	80	38	50	2,400	7.14	9.51	1022	59.80	3265	15.90
			1650									7.14	9.80	1072	82.1	--	15.30
			1655									6.97	9.68	1031	97.2	2728	15.40
			1700									6.87	9.79	1010	113.5	1368	15.30
			1705									6.88	9.87	1002	116.3	1012	15.12
			1710									6.98	10.05	993	118.5	555	14.70
			1715									6.97	10.11	986	122.4	367	14.69

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 26, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-29	1"	11/26/19	940	25.49	39.35	4	20	80	38	40	2,400	7.58	9.72	742	90.7	1261	15.80
												7.23	9.78	740	116.7	1082	16.00
												6.68	9.81	710	151.5	291	16.40
												6.55	9.69	705	167.5	184	16.40
												6.49	9.75	703	173.8	158	16.30
												6.41	9.80	709	182.1	137	16.30
												6.40	9.93	706	184.7	148	16.30

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 26, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-30	1"	11/26/19	1110	30.21	38.41	4	20	80	37.5	40	2,400	6.45	9.62	0000	178.0	187	14.10
			1115									7.00	7.80	0000	154.0	3742	14.10
			1120									7.14	6.52	764	151.0	--	14.00
			1125									7.29	7.16	872	143.1	--	14.10
			1130									7.32	8.48	887	144.4	--	14.23
			1135									7.43	8.52	893	137.7	--	14.30
			1140									7.45	8.68	892	137.1	--	14.30

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: November 26, 2019
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-31	1"	11/26/19	1240	22.25	30.79	4	20	80	29	50	2,400	7.49	7.43	886	121.2	3644	16.70
												7.35	6.58	883	127.3	--	17.25
												7.33	6.41	878	133.1	--	17.57
												7.28	6.37	864	135.9	2813	17.60
												7.24	6.05	859	139.2	2963	17.70
												7.24	6.05	858	140.9	3175	17.70
												7.24	6.05	857	141.3	3288	17.70

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:

ATC Groundwater Sampling Log

Client: Indiana 15 Regional Planning Commission
Project #: 170IRPC08P
Location: Cannelton, Indiana
Sampler(s): Megan Foye

Sampling Event: Low-flow sampling
Equipment: Low flow pump, tubing, rope
Date: January 14, 2020
Other:

Low Flow Sampling Data												Groundwater Quality Data					
Well ID	WD	Date	Time	DTW	BTW	CPM Setting	Flow volume per cycle	Flow rate (ml/min)	Pump depth	Throttle/ Pump pressure	Volume purged (ml)	pH (units)	DO (mg/l)	Conductivity (mS/cm)	ORP (mv)	Turbidity (NTU)	Temp (degrees C)
B-32	1"	1/14/20	830	31.80	37.28												

WD = Well Diameter in Inches
DTW = Depth to Water
BTW = Bottom of the Well
CPM = Cycles Per Minute
ml/min = Millimeter per Minute
DO = Dissolved Oxygen
mg/l = milligrams per liter
NR = No Reading

REMARKS:
- well went dry during stabilization monitoring on 11/26/19
- returned to well on 12/2/19 to attempt sampling with a bailer and well did not produce sufficient water for sample collection
- returned to well on 1/14/20 to collect a groundwater sample using a dedicated disposable bailer.

Appendix F: Laboratory Reports and Chain of Custody Documentation

(Hard copy - analytical results placed on CD (attached) due to large volume)

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 04, 2019

Mr. Brian Kleeman
ATC Group Services
6149 Wedeking Avenue, Bldg D
Suite 2
Evansville, IN 47715

RE: Project: Can Clay Facility
Pace Project No.: 50240046

Dear Mr. Kleeman:
Enclosed are the analytical results for sample(s) received by the laboratory on October 30, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna S. Spyker

Donna Spyker
donna.spyker@pacelabs.com
(317)228-3100
Project Manager

Enclosures

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Can Clay Facility
Pace Project No.: 50240046

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050
Ohio VAP Certification #: CL0065
Oklahoma Certification #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-19-00257

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Can Clay Facility
Pace Project No.: 50240046

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50240046001	**Fill**	Solid	10/29/19 11:08	10/30/19 09:00

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50240046

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50240046001	**Fill**	EPA 6010	JPK	1	PASI-I
		EPA 5030/8260	RSW	4	PASI-I

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240046

Sample: Fill **Lab ID: 50240046001** Collected: 10/29/19 11:08 Received: 10/30/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 10/30/19 19:23 Initial pH: 8.24; Final pH: 4.92							
Lead	ND	mg/L	0.10	1	11/01/19 10:28	11/02/19 01:40	7439-92-1	
8260 MSV TCLP	Analytical Method: EPA 5030/8260 Leachate Method/Date: EPA 1311; 10/30/19 19:30							
Benzene	ND	mg/L	0.050	1		11/04/19 09:36	71-43-2	
Surrogates								
Toluene-d8 (S)	98	%.	85-114	1		11/04/19 09:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	85-114	1		11/04/19 09:36	460-00-4	
Dibromofluoromethane (S)	107	%.	80-122	1		11/04/19 09:36	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240046

QC Batch: 530277
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 50240046001

METHOD BLANK: 2447077 Matrix: Water
Associated Lab Samples: 50240046001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	ND	0.010	11/02/19 01:38	

LABORATORY CONTROL SAMPLE: 2447078

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	1	0.92	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2447079 2447080

Parameter	Units	50240046001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	ND	10	10	9.0	9.1	90	91	50-150	2	20	

MATRIX SPIKE SAMPLE: 2447081

Parameter	Units	50239845001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	9.6	10	18.2	86	50-150	

MATRIX SPIKE SAMPLE: 2447082

Parameter	Units	50239847001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	2.4	10	11.2	88	50-150	

MATRIX SPIKE SAMPLE: 2447083

Parameter	Units	50239848001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	23.4	10	32.4	89	50-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240046

QC Batch: 530700
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 50240046001

METHOD BLANK: 2448938 Matrix: Water
Associated Lab Samples: 50240046001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	mg/L	ND	0.050	11/04/19 09:03	
4-Bromofluorobenzene (S)	%.	102	85-114	11/04/19 09:03	
Dibromofluoromethane (S)	%.	108	80-122	11/04/19 09:03	
Toluene-d8 (S)	%.	98	85-114	11/04/19 09:03	

LABORATORY CONTROL SAMPLE: 2448939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	0.5	0.48	96	78-117	
4-Bromofluorobenzene (S)	%.			102	85-114	
Dibromofluoromethane (S)	%.			102	80-122	
Toluene-d8 (S)	%.			102	85-114	

MATRIX SPIKE SAMPLE: 2448940

Parameter	Units	50239167001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	ND	0.5	0.55	109	49-140	
4-Bromofluorobenzene (S)	%.				101	85-114	
Dibromofluoromethane (S)	%.				104	80-122	
Toluene-d8 (S)	%.				99	85-114	

MATRIX SPIKE SAMPLE: 2448941

Parameter	Units	50239190001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	ND	0.5	0.49	98	49-140	
4-Bromofluorobenzene (S)	%.				101	85-114	
Dibromofluoromethane (S)	%.				105	80-122	
Toluene-d8 (S)	%.				100	85-114	

MATRIX SPIKE SAMPLE: 2448942

Parameter	Units	50240046001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/L	ND	0.5	0.48	96	49-140	
4-Bromofluorobenzene (S)	%.				101	85-114	
Dibromofluoromethane (S)	%.				105	80-122	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240046

MATRIX SPIKE SAMPLE: 2448942

Parameter	Units	50240046001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%.				100	85-114	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Can Clay Facility
Pace Project No.: 50240046

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I Pace Analytical Services - Indianapolis

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50240046

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240046001	**Fill**	EPA 3010	530277	EPA 6010	530557
50240046001	**Fill**	EPA 5030/8260	530700		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2256590

Section A Required Client Information:

Company: AIC
Address: 6949 Wedeking Ave DD
Evansville, IN 47715
Email To: megan.faye@atcgs.com
Phone: 8129722425 Fax:
Requested Due Date/TAT: 24 HR. 10/31/19

Section B Required Project Information:

Report To: Megan Faye
Copy To: Brian.Kleeman@atcgs.com
Purchase Order No:
Project Name: Can Clay Facility
Project Number: 170ERPC08P

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager: Donna Sparks
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

Lvl IV

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	TCLP Benzene	TCLP Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	FILL	SL	G	10/29/19	11:08				6	X									X	X		50240046 001
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Level IV.	Megan Faye / ATC	10/29/19	16:45	[redacted] FedEx	10/29/19	16:45				
24 hour TAT.	Fedex	10-30-19	0900	Mailed Ryan	10-30-19	0900	0.5	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Faye
SIGNATURE of SAMPLER: Megan Faye
DATE Signed (MM/DD/YY): 10/29/19

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Project #: 50240046

Date/Time and Initials of person examining contents: 10-30-19 0952 MD

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 1250 8110 9982

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A B (C) D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 0.5- 0.5 Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.			✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			
Chain of Custody Filled Out:	✓		Dissolved Metals field filtered?:			✓
Short Hold Time Analysis (<72hr)?: Analysis:		✓	Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab:				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
			Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested: 10-31-19	✓		Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?:		-	
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments: Samples are not labeled dates or times, they do have the sample ID on them MD 10-30-19

COC PAGE 1 of 1

Sample Container Count

WO# : 50240046

50240046

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	6																									SL			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 18, 2019

Mr. Brian Kleeman
ATC Group Services
6149 Wedeking Avenue, Bldg D
Suite 2
Evansville, IN 47715

RE: Project: Can Clay Facility
Pace Project No.: 50240423

Dear Mr. Kleeman:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna S. Spyker

Donna Spyker
donna.spyker@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Ms. Megan Foye, ATC Group Services

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CERTIFICATIONS

Project: Can Clay Facility
Pace Project No.: 50240423

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050
Ohio VAP Certification #: CL0065
Oklahoma Certification #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-19-00257

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SAMPLE SUMMARY

Project: Can Clay Facility
Pace Project No.: 50240423

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50240423001	**Base-1**	Solid	10/31/19 15:00	11/02/19 09:20
50240423002	**SW-1**	Solid	10/31/19 15:10	11/02/19 09:20
50240423003	**SW-2**	Solid	10/31/19 15:15	11/02/19 09:20
50240423004	**SW-3**	Solid	10/31/19 15:30	11/02/19 09:20
50240423005	**SW-4**	Solid	10/31/19 15:17	11/02/19 09:20
50240423006	**SW-5**	Solid	10/31/19 15:18	11/02/19 09:20
50240423007	**Base-2**	Solid	10/31/19 15:40	11/02/19 09:20
50240423008	**SW-6**	Solid	10/31/19 15:45	11/02/19 09:20
50240423009	**SW-7**	Solid	10/31/19 15:50	11/02/19 09:20
50240423010	**SW-8**	Solid	10/31/19 15:55	11/02/19 09:20
50240423011	**SW-9**	Solid	10/31/19 16:00	11/02/19 09:20
50240423012	**DUP**	Solid	10/31/19 08:00	11/02/19 09:20
50240423013	**Trip Blank**	Solid	10/31/19 14:00	11/02/19 09:20
50240423014	**Base 3**	Solid	10/31/19 15:35	11/02/19 09:20

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50240423

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50240423001	**Base-1**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423002	**SW-1**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423003	**SW-2**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423004	**SW-3**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423005	**SW-4**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423006	**SW-5**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423007	**Base-2**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423008	**SW-6**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP, TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423009	**SW-7**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423010	**SW-8**	EPA 6010	RAM	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50240423

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423011	**SW-9**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423012	**DUP**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240423013	**Trip Blank**	EPA 8260	TMW	72	PASI-I
50240423014	**Base 3**	EPA 6010	RAM	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I

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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50240423

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240423001	**Base-1**					
EPA 6010	Lead	16.9	mg/kg	1.0	11/12/19 14:42	
EPA 8270 by SIM	Benzo(a)anthracene	0.014	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Benzo(a)pyrene	0.012	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.0097	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0077	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.013	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Chrysene	0.014	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Fluoranthene	0.023	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0062	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Phenanthrene	0.012	mg/kg	0.0059	11/14/19 18:30	
EPA 8270 by SIM	Pyrene	0.020	mg/kg	0.0059	11/14/19 18:30	
SM 2540G	Percent Moisture	15.7	%	0.10	11/12/19 15:17	
50240423002	**SW-1**					
EPA 6010	Lead	10.5	mg/kg	1.2	11/12/19 14:44	
EPA 8270 by SIM	Fluoranthene	0.010	mg/kg	0.0068	11/14/19 18:47	
EPA 8270 by SIM	1-Methylnaphthalene	0.0081	mg/kg	0.0068	11/14/19 18:47	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.011	mg/kg	0.0068	11/14/19 18:47	
EPA 8270 by SIM	Phenanthrene	0.014	mg/kg	0.0068	11/14/19 18:47	
EPA 8270 by SIM	Pyrene	0.0083	mg/kg	0.0068	11/14/19 18:47	
EPA 8260	Acetone	0.24	mg/kg	0.13	11/11/19 21:27	
EPA 8260	2-Butanone (MEK)	0.050	mg/kg	0.032	11/11/19 21:27	
SM 2540G	Percent Moisture	27.0	%	0.10	11/12/19 15:17	
50240423003	**SW-2**					
EPA 6010	Lead	11.4	mg/kg	1.1	11/12/19 14:46	
EPA 8270 by SIM	Acenaphthene	0.089	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Acenaphthylene	0.021	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Chrysene	0.0070	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Fluoranthene	0.015	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Fluorene	0.15	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	1-Methylnaphthalene	1.4	mg/kg	0.0066	11/14/19 19:03	N2
EPA 8270 by SIM	2-Methylnaphthalene	2.0	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Naphthalene	0.87	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Phenanthrene	0.21	mg/kg	0.0066	11/14/19 19:03	
EPA 8270 by SIM	Pyrene	0.031	mg/kg	0.0066	11/14/19 19:03	
EPA 8260	sec-Butylbenzene	0.12	mg/kg	0.0057	11/11/19 21:52	
EPA 8260	1,2-Dichloropropane	0.011	mg/kg	0.0057	11/11/19 21:52	
EPA 8260	Ethylbenzene	2.1	mg/kg	0.30	11/12/19 17:10	
EPA 8260	n-Hexane	0.22	mg/kg	0.0057	11/11/19 21:52	N2
EPA 8260	Isopropylbenzene (Cumene)	0.13	mg/kg	0.0057	11/11/19 21:52	
EPA 8260	p-Isopropyltoluene	0.092	mg/kg	0.0057	11/11/19 21:52	
EPA 8260	n-Propylbenzene	1.9	mg/kg	0.30	11/12/19 17:10	
EPA 8260	1,2,4-Trimethylbenzene	16.0	mg/kg	0.30	11/12/19 17:10	
EPA 8260	1,3,5-Trimethylbenzene	5.6	mg/kg	0.30	11/12/19 17:10	
EPA 8260	Xylene (Total)	3.3	mg/kg	0.60	11/12/19 17:10	
SM 2540G	Percent Moisture	24.6	%	0.10	11/12/19 15:17	

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7726 Moller Road
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(317)228-3100

SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50240423

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240423004	**SW-3**					
EPA 6010	Lead	11.6	mg/kg	1.2	11/12/19 14:49	
EPA 8260	n-Butylbenzene	0.012	mg/kg	0.0050	11/11/19 22:17	
EPA 8260	n-Propylbenzene	0.0061	mg/kg	0.0050	11/11/19 22:17	
EPA 8260	1,2,4-Trimethylbenzene	0.051	mg/kg	0.0050	11/11/19 22:17	
EPA 8260	1,3,5-Trimethylbenzene	0.017	mg/kg	0.0050	11/11/19 22:17	
SM 2540G	Percent Moisture	22.3	%	0.10	11/12/19 15:17	
50240423005	**SW-4**					
EPA 6010	Lead	25.4	mg/kg	1.1	11/12/19 14:51	
EPA 8270 by SIM	Anthracene	0.012	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Benzo(a)anthracene	0.044	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Benzo(a)pyrene	0.041	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.027	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.021	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.036	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Chrysene	0.044	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Fluoranthene	0.044	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.018	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Phenanthrene	0.022	mg/kg	0.012	11/14/19 19:36	
EPA 8270 by SIM	Pyrene	0.046	mg/kg	0.012	11/14/19 19:36	
SM 2540G	Percent Moisture	18.9	%	0.10	11/12/19 15:17	
50240423006	**SW-5**					
EPA 6010	Lead	13.8	mg/kg	1.1	11/12/19 14:53	
SM 2540G	Percent Moisture	20.9	%	0.10	11/12/19 15:17	
50240423007	**Base-2**					
EPA 6010	Lead	32.6	mg/kg	1.2	11/12/19 14:55	
EPA 8270 by SIM	Acenaphthene	0.0080	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Anthracene	0.023	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Benzo(a)anthracene	0.047	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Benzo(a)pyrene	0.035	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.021	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.029	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.020	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Chrysene	0.062	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.0086	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Fluoranthene	0.051	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Fluorene	0.0088	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.012	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	1-Methylnaphthalene	0.015	mg/kg	0.0061	11/14/19 20:09	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.021	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Naphthalene	0.027	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Phenanthrene	0.049	mg/kg	0.0061	11/14/19 20:09	
EPA 8270 by SIM	Pyrene	0.13	mg/kg	0.0061	11/14/19 20:09	
SM 2540G	Percent Moisture	19.0	%	0.10	11/12/19 15:18	
50240423008	**SW-6**					
EPA 6010	Lead	88.1	mg/kg	1.1	11/12/19 14:58	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50240423

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240423008	**SW-6**					
EPA 8270 by SIM	Acenaphthene	0.019	mg/kg	0.0063	11/14/19 20:25	
EPA 8270 by SIM	Fluorene	0.024	mg/kg	0.0063	11/14/19 20:25	
EPA 8270 by SIM	1-Methylnaphthalene	1.2	mg/kg	0.0063	11/14/19 20:25	N2
EPA 8270 by SIM	2-Methylnaphthalene	2.5	mg/kg	0.0063	11/14/19 20:25	
EPA 8270 by SIM	Naphthalene	3.3	mg/kg	0.0063	11/14/19 20:25	
EPA 8270 by SIM	Phenanthrene	0.014	mg/kg	0.0063	11/14/19 20:25	
EPA 8260	Benzene	0.16	mg/kg	0.0055	11/11/19 23:57	
EPA 8260	sec-Butylbenzene	0.034	mg/kg	0.0055	11/11/19 23:57	
EPA 8260	Ethylbenzene	10.7	mg/kg	0.55	11/12/19 17:35	
EPA 8260	n-Hexane	0.18	mg/kg	0.0055	11/11/19 23:57	N2
EPA 8260	Isopropylbenzene (Cumene)	0.12	mg/kg	0.0055	11/11/19 23:57	
EPA 8260	p-Isopropyltoluene	0.027	mg/kg	0.0055	11/11/19 23:57	
EPA 8260	n-Propylbenzene	5.1	mg/kg	0.55	11/12/19 17:35	
EPA 8260	Toluene	0.051	mg/kg	0.0055	11/11/19 23:57	
EPA 8260	1,2,4-Trimethylbenzene	32.3	mg/kg	12.7	11/14/19 01:30	
EPA 8260	1,3,5-Trimethylbenzene	10.8	mg/kg	0.55	11/12/19 17:35	
EPA 8260	Xylene (Total)	41.8	mg/kg	1.1	11/12/19 17:35	
SM 2540G	Percent Moisture	21.4	%	0.10	11/12/19 15:18	
50240423009	**SW-7**					
EPA 6010	Lead	10.6	mg/kg	1.1	11/12/19 14:22	
SM 2540G	Percent Moisture	18.4	%	0.10	11/12/19 16:27	
50240423010	**SW-8**					
EPA 6010	Lead	19.8	mg/kg	1.2	11/12/19 15:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.010	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Benzo(a)pyrene	0.0080	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.0067	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0080	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Chrysene	0.010	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Fluoranthene	0.015	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	2-Methylnaphthalene	0.0098	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Phenanthrene	0.012	mg/kg	0.0063	11/14/19 21:31	
EPA 8270 by SIM	Pyrene	0.013	mg/kg	0.0063	11/14/19 21:31	
SM 2540G	Percent Moisture	21.1	%	0.10	11/12/19 16:28	
50240423011	**SW-9**					
EPA 6010	Lead	21.5	mg/kg	1.1	11/12/19 15:02	
EPA 8270 by SIM	Benzo(a)anthracene	0.012	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Benzo(a)pyrene	0.011	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.010	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0066	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.011	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Chrysene	0.013	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Fluoranthene	0.017	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	1-Methylnaphthalene	0.022	mg/kg	0.0061	11/14/19 21:47	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.024	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Naphthalene	0.022	mg/kg	0.0061	11/14/19 21:47	
EPA 8270 by SIM	Phenanthrene	0.014	mg/kg	0.0061	11/14/19 21:47	

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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50240423

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240423011	**SW-9**					
EPA 8270 by SIM	Pyrene	0.017	mg/kg	0.0061	11/14/19 21:47	
SM 2540G	Percent Moisture	19.3	%	0.10	11/12/19 16:28	
50240423012	**DUP**					
EPA 6010	Lead	26.9	mg/kg	1.1	11/12/19 15:08	
EPA 8270 by SIM	2-Methylnaphthalene	0.0078	mg/kg	0.0058	11/14/19 22:04	
SM 2540G	Percent Moisture	14.3	%	0.10	11/12/19 16:28	
50240423014	**Base 3**					
EPA 6010	Lead	28.7	mg/kg	1.2	11/12/19 15:10	
EPA 8270 by SIM	Benzo(a)pyrene	0.0065	mg/kg	0.0061	11/14/19 22:20	
EPA 8270 by SIM	Chrysene	0.0062	mg/kg	0.0061	11/14/19 22:20	
EPA 8270 by SIM	1-Methylnaphthalene	0.027	mg/kg	0.0061	11/14/19 22:20	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.057	mg/kg	0.0061	11/14/19 22:20	
EPA 8270 by SIM	Naphthalene	0.033	mg/kg	0.0061	11/14/19 22:20	
EPA 8270 by SIM	Phenanthrene	0.0077	mg/kg	0.0061	11/14/19 22:20	
EPA 8270 by SIM	Pyrene	0.0064	mg/kg	0.0061	11/14/19 22:20	
SM 2540G	Percent Moisture	18.7	%	0.10	11/12/19 16:29	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-1 **Lab ID: 50240423001** Collected: 10/31/19 15:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**16.9**	mg/kg	1.0	1	11/12/19 06:34	11/12/19 14:42	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	120-12-7	
Benzo(a)anthracene	**0.014**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	56-55-3	
Benzo(a)pyrene	**0.012**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	50-32-8	
Benzo(b)fluoranthene	**0.0097**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	205-99-2	
Benzo(g,h,i)perylene	**0.0077**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	191-24-2	
Benzo(k)fluoranthene	**0.013**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	207-08-9	
Chrysene	**0.014**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	53-70-3	
Fluoranthene	**0.023**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0062**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	91-20-3	
Phenanthrene	**0.012**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	85-01-8	
Pyrene	**0.020**	mg/kg	0.0059	1	11/13/19 10:47	11/14/19 18:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	90	%.	23-107	1	11/13/19 10:47	11/14/19 18:30	321-60-8	
p-Terphenyl-d14 (S)	87	%.	16-117	1	11/13/19 10:47	11/14/19 18:30	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/14/19 11:03	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/14/19 11:03	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/14/19 11:03	107-13-1	
Benzene	ND	mg/kg	0.0059	1		11/14/19 11:03	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	75-27-4	
Bromoform	ND	mg/kg	0.0059	1		11/14/19 11:03	75-25-2	
Bromomethane	ND	mg/kg	0.0059	1		11/14/19 11:03	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		11/14/19 11:03	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/14/19 11:03	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	1		11/14/19 11:03	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	108-90-7	
Chloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	75-00-3	
Chloroform	ND	mg/kg	0.0059	1		11/14/19 11:03	67-66-3	
Chloromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	1		11/14/19 11:03	95-49-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-1 **Lab ID: 50240423001** Collected: 10/31/19 15:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0059	1		11/14/19 11:03	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	1		11/14/19 11:03	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	1		11/14/19 11:03	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/14/19 11:03	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	1		11/14/19 11:03	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/14/19 11:03	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/14/19 11:03	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	1		11/14/19 11:03	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	1		11/14/19 11:03	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	1		11/14/19 11:03	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	1		11/14/19 11:03	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/14/19 11:03	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/14/19 11:03	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/14/19 11:03	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	1		11/14/19 11:03	87-68-3	
n-Hexane	ND	mg/kg	0.0059	1		11/14/19 11:03	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/14/19 11:03	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/14/19 11:03	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	1		11/14/19 11:03	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	1		11/14/19 11:03	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		11/14/19 11:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		11/14/19 11:03	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	1		11/14/19 11:03	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	103-65-1	
Styrene	ND	mg/kg	0.0059	1		11/14/19 11:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	1		11/14/19 11:03	127-18-4	
Toluene	ND	mg/kg	0.0059	1		11/14/19 11:03	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	1		11/14/19 11:03	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	1		11/14/19 11:03	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	1		11/14/19 11:03	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	1		11/14/19 11:03	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	1		11/14/19 11:03	108-67-8	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-1 **Lab ID: 50240423001** Collected: 10/31/19 15:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.12	1		11/14/19 11:03	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	1		11/14/19 11:03	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/14/19 11:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/14/19 11:03	1868-53-7	
Toluene-d8 (S)	99	%.	77-127	1		11/14/19 11:03	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/14/19 11:03	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**15.7**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-1 **Lab ID: 50240423002** Collected: 10/31/19 15:10 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**10.5**	mg/kg	1.2	1	11/12/19 06:34	11/12/19 14:44	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	83-32-9	
Acenaphthylene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	208-96-8	
Anthracene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	207-08-9	
Chrysene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	53-70-3	
Fluoranthene	**0.010**	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	206-44-0	
Fluorene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	193-39-5	
1-Methylnaphthalene	**0.0081**	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	90-12-0	N2
2-Methylnaphthalene	**0.011**	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	91-57-6	
Naphthalene	ND	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	91-20-3	
Phenanthrene	**0.014**	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	85-01-8	
Pyrene	**0.0083**	mg/kg	0.0068	1	11/13/19 10:47	11/14/19 18:47	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	23-107	1	11/13/19 10:47	11/14/19 18:47	321-60-8	
p-Terphenyl-d14 (S)	65	%.	16-117	1	11/13/19 10:47	11/14/19 18:47	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	**0.24**	mg/kg	0.13	1		11/11/19 21:27	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/11/19 21:27	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/11/19 21:27	107-13-1	
Benzene	ND	mg/kg	0.0063	1		11/11/19 21:27	71-43-2	
Bromobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	75-27-4	
Bromoform	ND	mg/kg	0.0063	1		11/11/19 21:27	75-25-2	
Bromomethane	ND	mg/kg	0.0063	1		11/11/19 21:27	74-83-9	
2-Butanone (MEK)	**0.050**	mg/kg	0.032	1		11/11/19 21:27	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/11/19 21:27	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0063	1		11/11/19 21:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	108-90-7	
Chloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	75-00-3	
Chloroform	ND	mg/kg	0.0063	1		11/11/19 21:27	67-66-3	
Chloromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0063	1		11/11/19 21:27	95-49-8	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-1 **Lab ID: 50240423002** Collected: 10/31/19 15:10 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0063	1		11/11/19 21:27	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0063	1		11/11/19 21:27	106-93-4	
Dibromomethane	ND	mg/kg	0.0063	1		11/11/19 21:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/11/19 21:27	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0063	1		11/11/19 21:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0063	1		11/11/19 21:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0063	1		11/11/19 21:27	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0063	1		11/11/19 21:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0063	1		11/11/19 21:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0063	1		11/11/19 21:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0063	1		11/11/19 21:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0063	1		11/11/19 21:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0063	1		11/11/19 21:27	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/11/19 21:27	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0063	1		11/11/19 21:27	87-68-3	
n-Hexane	ND	mg/kg	0.0063	1		11/11/19 21:27	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/11/19 21:27	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/11/19 21:27	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0063	1		11/11/19 21:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0063	1		11/11/19 21:27	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		11/11/19 21:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/11/19 21:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0063	1		11/11/19 21:27	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	103-65-1	
Styrene	ND	mg/kg	0.0063	1		11/11/19 21:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0063	1		11/11/19 21:27	127-18-4	
Toluene	ND	mg/kg	0.0063	1		11/11/19 21:27	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0063	1		11/11/19 21:27	79-00-5	
Trichloroethene	ND	mg/kg	0.0063	1		11/11/19 21:27	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0063	1		11/11/19 21:27	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0063	1		11/11/19 21:27	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0063	1		11/11/19 21:27	108-67-8	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-1 **Lab ID: 50240423002** Collected: 10/31/19 15:10 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.13	1		11/11/19 21:27	108-05-4	
Vinyl chloride	ND	mg/kg	0.0063	1		11/11/19 21:27	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/11/19 21:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	77-131	1		11/11/19 21:27	1868-53-7	
Toluene-d8 (S)	103	%.	77-127	1		11/11/19 21:27	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	65-119	1		11/11/19 21:27	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**27.0**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-2 **Lab ID: 50240423003** Collected: 10/31/19 15:15 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**11.4**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 14:46	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.089**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	83-32-9	
Acenaphthylene	**0.021**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	208-96-8	
Anthracene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	207-08-9	
Chrysene	**0.0070**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	53-70-3	
Fluoranthene	**0.015**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	206-44-0	
Fluorene	**0.15**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	193-39-5	
1-Methylnaphthalene	**1.4**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	90-12-0	N2
2-Methylnaphthalene	**2.0**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	91-57-6	
Naphthalene	**0.87**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	91-20-3	
Phenanthrene	**0.21**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	85-01-8	
Pyrene	**0.031**	mg/kg	0.0066	1	11/13/19 10:47	11/14/19 19:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	23-107	1	11/13/19 10:47	11/14/19 19:03	321-60-8	
p-Terphenyl-d14 (S)	63	%.	16-117	1	11/13/19 10:47	11/14/19 19:03	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/11/19 21:52	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/11/19 21:52	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/11/19 21:52	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/11/19 21:52	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/11/19 21:52	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/11/19 21:52	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/11/19 21:52	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	104-51-8	
sec-Butylbenzene	**0.12**	mg/kg	0.0057	1		11/11/19 21:52	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/11/19 21:52	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/11/19 21:52	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/11/19 21:52	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/11/19 21:52	95-49-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-2 **Lab ID: 50240423003** Collected: 10/31/19 15:15 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/11/19 21:52	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/11/19 21:52	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/11/19 21:52	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/11/19 21:52	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 21:52	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 21:52	156-60-5	
1,2-Dichloropropane	**0.011**	mg/kg	0.0057	1		11/11/19 21:52	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/11/19 21:52	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/11/19 21:52	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 21:52	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 21:52	10061-02-6	
Ethylbenzene	**2.1**	mg/kg	0.30	50		11/12/19 17:10	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/11/19 21:52	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/11/19 21:52	87-68-3	
n-Hexane	**0.22**	mg/kg	0.0057	1		11/11/19 21:52	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/11/19 21:52	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/11/19 21:52	74-88-4	
Isopropylbenzene (Cumene)	**0.13**	mg/kg	0.0057	1		11/11/19 21:52	98-82-8	
p-Isopropyltoluene	**0.092**	mg/kg	0.0057	1		11/11/19 21:52	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/11/19 21:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/11/19 21:52	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/11/19 21:52	1634-04-4	
n-Propylbenzene	**1.9**	mg/kg	0.30	50		11/12/19 17:10	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/11/19 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/11/19 21:52	127-18-4	
Toluene	ND	mg/kg	0.0057	1		11/11/19 21:52	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 21:52	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/11/19 21:52	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/11/19 21:52	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/11/19 21:52	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/11/19 21:52	96-18-4	
1,2,4-Trimethylbenzene	**16.0**	mg/kg	0.30	50		11/12/19 17:10	95-63-6	
1,3,5-Trimethylbenzene	**5.6**	mg/kg	0.30	50		11/12/19 17:10	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-2 **Lab ID: 50240423003** Collected: 10/31/19 15:15 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.11	1		11/11/19 21:52	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/11/19 21:52	75-01-4	
Xylene (Total)	**3.3**	mg/kg	0.60	50		11/12/19 17:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	77-131	1		11/11/19 21:52	1868-53-7	
Toluene-d8 (S)	298	%.	77-127	1		11/11/19 21:52	2037-26-5	S5
4-Bromofluorobenzene (S)	305	%.	65-119	1		11/11/19 21:52	460-00-4	S5
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**24.6**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-3 **Lab ID: 50240423004** Collected: 10/31/19 15:30 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**11.6**	mg/kg	1.2	1	11/12/19 06:34	11/12/19 14:49	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	83-32-9	
Acenaphthylene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	208-96-8	
Anthracene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	207-08-9	
Chrysene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	53-70-3	
Fluoranthene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	206-44-0	
Fluorene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	91-57-6	
Naphthalene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	91-20-3	
Phenanthrene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	85-01-8	
Pyrene	ND	mg/kg	0.0064	1	11/13/19 10:47	11/14/19 19:19	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	23-107	1	11/13/19 10:47	11/14/19 19:19	321-60-8	
p-Terphenyl-d14 (S)	78	%.	16-117	1	11/13/19 10:47	11/14/19 19:19	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/11/19 22:17	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/11/19 22:17	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/11/19 22:17	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/11/19 22:17	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/11/19 22:17	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/11/19 22:17	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/11/19 22:17	78-93-3	
n-Butylbenzene	**0.012**	mg/kg	0.0050	1		11/11/19 22:17	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/11/19 22:17	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/11/19 22:17	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/11/19 22:17	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/11/19 22:17	95-49-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-3 **Lab ID: 50240423004** Collected: 10/31/19 15:30 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/11/19 22:17	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/11/19 22:17	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/11/19 22:17	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/11/19 22:17	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 22:17	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 22:17	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 22:17	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 22:17	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 22:17	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 22:17	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 22:17	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 22:17	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 22:17	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/11/19 22:17	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/11/19 22:17	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/11/19 22:17	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/11/19 22:17	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/11/19 22:17	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/11/19 22:17	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/11/19 22:17	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/11/19 22:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/11/19 22:17	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/11/19 22:17	1634-04-4	
n-Propylbenzene	**0.0061**	mg/kg	0.0050	1		11/11/19 22:17	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/11/19 22:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/11/19 22:17	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/11/19 22:17	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 22:17	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/11/19 22:17	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/11/19 22:17	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/11/19 22:17	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/11/19 22:17	96-18-4	
1,2,4-Trimethylbenzene	**0.051**	mg/kg	0.0050	1		11/11/19 22:17	95-63-6	
1,3,5-Trimethylbenzene	**0.017**	mg/kg	0.0050	1		11/11/19 22:17	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-3 **Lab ID: 50240423004** Collected: 10/31/19 15:30 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.10	1		11/11/19 22:17	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/11/19 22:17	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/11/19 22:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	85	%.	77-131	1		11/11/19 22:17	1868-53-7	
Toluene-d8 (S)	100	%.	77-127	1		11/11/19 22:17	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	65-119	1		11/11/19 22:17	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**22.3**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-4 **Lab ID: 50240423005** Collected: 10/31/19 15:17 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**25.4**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 14:51	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	208-96-8	
Anthracene	**0.012**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	120-12-7	
Benzo(a)anthracene	**0.044**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	56-55-3	
Benzo(a)pyrene	**0.041**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	50-32-8	
Benzo(b)fluoranthene	**0.027**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	205-99-2	
Benzo(g,h,i)perylene	**0.021**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	191-24-2	
Benzo(k)fluoranthene	**0.036**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	207-08-9	
Chrysene	**0.044**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	53-70-3	
Fluoranthene	**0.044**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	206-44-0	
Fluorene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.018**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	91-57-6	
Naphthalene	ND	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	91-20-3	
Phenanthrene	**0.022**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	85-01-8	
Pyrene	**0.046**	mg/kg	0.012	1	11/13/19 10:47	11/14/19 19:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	23-107	1	11/13/19 10:47	11/14/19 19:36	321-60-8	
p-Terphenyl-d14 (S)	80	%.	16-117	1	11/13/19 10:47	11/14/19 19:36	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.083	1		11/11/19 22:42	67-64-1	
Acrolein	ND	mg/kg	0.083	1		11/11/19 22:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.083	1		11/11/19 22:42	107-13-1	
Benzene	ND	mg/kg	0.0042	1		11/11/19 22:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	75-27-4	
Bromoform	ND	mg/kg	0.0042	1		11/11/19 22:42	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		11/11/19 22:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		11/11/19 22:42	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.0083	1		11/11/19 22:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		11/11/19 22:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		11/11/19 22:42	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		11/11/19 22:42	95-49-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-4 **Lab ID: 50240423005** Collected: 10/31/19 15:17 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0042	1		11/11/19 22:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		11/11/19 22:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		11/11/19 22:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.083	1		11/11/19 22:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		11/11/19 22:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		11/11/19 22:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		11/11/19 22:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		11/11/19 22:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		11/11/19 22:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		11/11/19 22:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		11/11/19 22:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		11/11/19 22:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		11/11/19 22:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.083	1		11/11/19 22:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		11/11/19 22:42	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		11/11/19 22:42	110-54-3	N2
2-Hexanone	ND	mg/kg	0.083	1		11/11/19 22:42	591-78-6	
Iodomethane	ND	mg/kg	0.083	1		11/11/19 22:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		11/11/19 22:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		11/11/19 22:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		11/11/19 22:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		11/11/19 22:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		11/11/19 22:42	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	103-65-1	
Styrene	ND	mg/kg	0.0042	1		11/11/19 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		11/11/19 22:42	127-18-4	
Toluene	ND	mg/kg	0.0042	1		11/11/19 22:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		11/11/19 22:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		11/11/19 22:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		11/11/19 22:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		11/11/19 22:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		11/11/19 22:42	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-4 **Lab ID: 50240423005** Collected: 10/31/19 15:17 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.083	1		11/11/19 22:42	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		11/11/19 22:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.0083	1		11/11/19 22:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	77-131	1		11/11/19 22:42	1868-53-7	
Toluene-d8 (S)	95	%.	77-127	1		11/11/19 22:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/11/19 22:42	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.9**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-5 **Lab ID: 50240423006** Collected: 10/31/19 15:18 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**13.8**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 14:53	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	91-57-6	
Naphthalene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	91-20-3	
Phenanthrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 19:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	23-107	1	11/13/19 10:47	11/14/19 19:52	321-60-8	
p-Terphenyl-d14 (S)	77	%.	16-117	1	11/13/19 10:47	11/14/19 19:52	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/11/19 23:07	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/11/19 23:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/11/19 23:07	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/11/19 23:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/11/19 23:07	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/11/19 23:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/11/19 23:07	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/11/19 23:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/11/19 23:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/11/19 23:07	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/11/19 23:07	95-49-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-5 **Lab ID: 50240423006** Collected: 10/31/19 15:18 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/11/19 23:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/11/19 23:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/11/19 23:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/11/19 23:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 23:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 23:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/11/19 23:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1		11/11/19 23:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/11/19 23:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/11/19 23:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 23:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 23:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/11/19 23:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/11/19 23:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/11/19 23:07	87-68-3	
n-Hexane	ND	mg/kg	0.0057	1		11/11/19 23:07	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/11/19 23:07	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/11/19 23:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	1		11/11/19 23:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	1		11/11/19 23:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/11/19 23:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/11/19 23:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/11/19 23:07	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/11/19 23:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/11/19 23:07	127-18-4	
Toluene	ND	mg/kg	0.0057	1		11/11/19 23:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/11/19 23:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/11/19 23:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/11/19 23:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/11/19 23:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	1		11/11/19 23:07	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-5 **Lab ID: 50240423006** Collected: 10/31/19 15:18 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.11	1		11/11/19 23:07	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/11/19 23:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/11/19 23:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/11/19 23:07	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/11/19 23:07	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	65-119	1		11/11/19 23:07	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**20.9**	%	0.10	1		11/12/19 15:17		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-2 **Lab ID: 50240423007** Collected: 10/31/19 15:40 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**32.6**	mg/kg	1.2	1	11/12/19 06:34	11/12/19 14:55	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.0080**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	208-96-8	
Anthracene	**0.023**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	120-12-7	
Benzo(a)anthracene	**0.047**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	56-55-3	
Benzo(a)pyrene	**0.035**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	50-32-8	
Benzo(b)fluoranthene	**0.021**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	205-99-2	
Benzo(g,h,i)perylene	**0.029**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	191-24-2	
Benzo(k)fluoranthene	**0.020**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	207-08-9	
Chrysene	**0.062**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	218-01-9	
Dibenz(a,h)anthracene	**0.0086**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	53-70-3	
Fluoranthene	**0.051**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	206-44-0	
Fluorene	**0.0088**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.012**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	193-39-5	
1-Methylnaphthalene	**0.015**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	90-12-0	N2
2-Methylnaphthalene	**0.021**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	91-57-6	
Naphthalene	**0.027**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	91-20-3	
Phenanthrene	**0.049**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	85-01-8	
Pyrene	**0.13**	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:09	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	70	%.	23-107	1	11/13/19 10:47	11/14/19 20:09	321-60-8	
p-Terphenyl-d14 (S)	76	%.	16-117	1	11/13/19 10:47	11/14/19 20:09	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	12.3	100		11/14/19 02:20	67-64-1	
Acrolein	ND	mg/kg	12.3	100		11/14/19 02:20	107-02-8	
Acrylonitrile	ND	mg/kg	12.3	100		11/14/19 02:20	107-13-1	
Benzene	ND	mg/kg	0.62	100		11/14/19 02:20	71-43-2	
Bromobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	108-86-1	
Bromochloromethane	ND	mg/kg	0.62	100		11/14/19 02:20	74-97-5	
Bromodichloromethane	ND	mg/kg	0.62	100		11/14/19 02:20	75-27-4	
Bromoform	ND	mg/kg	0.62	100		11/14/19 02:20	75-25-2	
Bromomethane	ND	mg/kg	0.62	100		11/14/19 02:20	74-83-9	
2-Butanone (MEK)	ND	mg/kg	3.1	100		11/14/19 02:20	78-93-3	
n-Butylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	98-06-6	
Carbon disulfide	ND	mg/kg	1.2	100		11/14/19 02:20	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.62	100		11/14/19 02:20	56-23-5	
Chlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	108-90-7	
Chloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	75-00-3	
Chloroform	ND	mg/kg	0.62	100		11/14/19 02:20	67-66-3	
Chloromethane	ND	mg/kg	0.62	100		11/14/19 02:20	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.62	100		11/14/19 02:20	95-49-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-2 **Lab ID: 50240423007** Collected: 10/31/19 15:40 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.62	100		11/14/19 02:20	106-43-4	
Dibromochloromethane	ND	mg/kg	0.62	100		11/14/19 02:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.62	100		11/14/19 02:20	106-93-4	
Dibromomethane	ND	mg/kg	0.62	100		11/14/19 02:20	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	12.3	100		11/14/19 02:20	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.62	100		11/14/19 02:20	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.62	100		11/14/19 02:20	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.62	100		11/14/19 02:20	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.62	100		11/14/19 02:20	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.62	100		11/14/19 02:20	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.62	100		11/14/19 02:20	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.62	100		11/14/19 02:20	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.62	100		11/14/19 02:20	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.62	100		11/14/19 02:20	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.62	100		11/14/19 02:20	10061-02-6	
Ethylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	100-41-4	
Ethyl methacrylate	ND	mg/kg	12.3	100		11/14/19 02:20	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.62	100		11/14/19 02:20	87-68-3	
n-Hexane	ND	mg/kg	0.62	100		11/14/19 02:20	110-54-3	N2
2-Hexanone	ND	mg/kg	12.3	100		11/14/19 02:20	591-78-6	
Iodomethane	ND	mg/kg	12.3	100		11/14/19 02:20	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.62	100		11/14/19 02:20	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.62	100		11/14/19 02:20	99-87-6	
Methylene Chloride	ND	mg/kg	2.5	100		11/14/19 02:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	3.1	100		11/14/19 02:20	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.62	100		11/14/19 02:20	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	103-65-1	
Styrene	ND	mg/kg	0.62	100		11/14/19 02:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	79-34-5	
Tetrachloroethene	ND	mg/kg	0.62	100		11/14/19 02:20	127-18-4	
Toluene	ND	mg/kg	0.62	100		11/14/19 02:20	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.62	100		11/14/19 02:20	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.62	100		11/14/19 02:20	79-00-5	
Trichloroethene	ND	mg/kg	0.62	100		11/14/19 02:20	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.62	100		11/14/19 02:20	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.62	100		11/14/19 02:20	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.62	100		11/14/19 02:20	108-67-8	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base-2 **Lab ID: 50240423007** Collected: 10/31/19 15:40 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	12.3	100		11/14/19 02:20	108-05-4	
Vinyl chloride	ND	mg/kg	0.62	100		11/14/19 02:20	75-01-4	
Xylene (Total)	ND	mg/kg	1.2	100		11/14/19 02:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	77-131	100		11/14/19 02:20	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	100		11/14/19 02:20	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	65-119	100		11/14/19 02:20	460-00-4	D3
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.0**	%	0.10	1		11/12/19 15:18		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-6 **Lab ID: 50240423008** Collected: 10/31/19 15:45 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**88.1**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 14:58	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.019**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	206-44-0	
Fluorene	**0.024**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	193-39-5	
1-Methylnaphthalene	**1.2**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	90-12-0	N2
2-Methylnaphthalene	**2.5**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	91-57-6	
Naphthalene	**3.3**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	91-20-3	
Phenanthrene	**0.014**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 20:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	23-107	1	11/13/19 10:47	11/14/19 20:25	321-60-8	
p-Terphenyl-d14 (S)	75	%.	16-117	1	11/13/19 10:47	11/14/19 20:25	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/11/19 23:57	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/11/19 23:57	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/11/19 23:57	107-13-1	
Benzene	**0.16**	mg/kg	0.0055	1		11/11/19 23:57	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/11/19 23:57	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/11/19 23:57	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/11/19 23:57	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	104-51-8	
sec-Butylbenzene	**0.034**	mg/kg	0.0055	1		11/11/19 23:57	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/11/19 23:57	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/11/19 23:57	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/11/19 23:57	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/11/19 23:57	95-49-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-6 **Lab ID: 50240423008** Collected: 10/31/19 15:45 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/11/19 23:57	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/11/19 23:57	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/11/19 23:57	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/11/19 23:57	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/11/19 23:57	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/11/19 23:57	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/11/19 23:57	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/11/19 23:57	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/11/19 23:57	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/11/19 23:57	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/11/19 23:57	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/11/19 23:57	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/11/19 23:57	10061-02-6	
Ethylbenzene	**10.7**	mg/kg	0.55	100		11/12/19 17:35	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/11/19 23:57	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/11/19 23:57	87-68-3	
n-Hexane	**0.18**	mg/kg	0.0055	1		11/11/19 23:57	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/11/19 23:57	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/11/19 23:57	74-88-4	
Isopropylbenzene (Cumene)	**0.12**	mg/kg	0.0055	1		11/11/19 23:57	98-82-8	
p-Isopropyltoluene	**0.027**	mg/kg	0.0055	1		11/11/19 23:57	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/11/19 23:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/11/19 23:57	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/11/19 23:57	1634-04-4	
n-Propylbenzene	**5.1**	mg/kg	0.55	100		11/12/19 17:35	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/11/19 23:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/11/19 23:57	127-18-4	
Toluene	**0.051**	mg/kg	0.0055	1		11/11/19 23:57	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/11/19 23:57	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/11/19 23:57	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/11/19 23:57	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/11/19 23:57	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/11/19 23:57	96-18-4	
1,2,4-Trimethylbenzene	**32.3**	mg/kg	12.7	2000		11/14/19 01:30	95-63-6	
1,3,5-Trimethylbenzene	**10.8**	mg/kg	0.55	100		11/12/19 17:35	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-6 **Lab ID: 50240423008** Collected: 10/31/19 15:45 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.11	1		11/11/19 23:57	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/11/19 23:57	75-01-4	
Xylene (Total)	**41.8**	mg/kg	1.1	100		11/12/19 17:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%.	77-131	1		11/11/19 23:57	1868-53-7	
Toluene-d8 (S)	122	%.	77-127	1		11/11/19 23:57	2037-26-5	
4-Bromofluorobenzene (S)	124	%.	65-119	1		11/11/19 23:57	460-00-4	S0
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**21.4**	%	0.10	1		11/12/19 15:18		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-7 **Lab ID: 50240423009** Collected: 10/31/19 15:50 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**10.6**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 14:22	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/13/19 10:47	11/14/19 20:42	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	23-107	1	11/13/19 10:47	11/14/19 20:42	321-60-8	
p-Terphenyl-d14 (S)	71	%.	16-117	1	11/13/19 10:47	11/14/19 20:42	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/13/19 02:59	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/13/19 02:59	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/13/19 02:59	107-13-1	
Benzene	ND	mg/kg	0.0052	1		11/13/19 02:59	71-43-2	
Bromobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	108-86-1	
Bromochloromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	75-27-4	
Bromoform	ND	mg/kg	0.0052	1		11/13/19 02:59	75-25-2	
Bromomethane	ND	mg/kg	0.0052	1		11/13/19 02:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/13/19 02:59	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/13/19 02:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	1		11/13/19 02:59	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	108-90-7	
Chloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	75-00-3	
Chloroform	ND	mg/kg	0.0052	1		11/13/19 02:59	67-66-3	R1
Chloromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0052	1		11/13/19 02:59	95-49-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-7 **Lab ID: 50240423009** Collected: 10/31/19 15:50 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0052	1		11/13/19 02:59	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0052	1		11/13/19 02:59	106-93-4	R1
Dibromomethane	ND	mg/kg	0.0052	1		11/13/19 02:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/13/19 02:59	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	107-06-2	R1
1,1-Dichloroethene	ND	mg/kg	0.0052	1		11/13/19 02:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	1		11/13/19 02:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	1		11/13/19 02:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	1		11/13/19 02:59	78-87-5	R1
1,3-Dichloropropane	ND	mg/kg	0.0052	1		11/13/19 02:59	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0052	1		11/13/19 02:59	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0052	1		11/13/19 02:59	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	1		11/13/19 02:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	1		11/13/19 02:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/13/19 02:59	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0052	1		11/13/19 02:59	87-68-3	
n-Hexane	ND	mg/kg	0.0052	1		11/13/19 02:59	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/13/19 02:59	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/13/19 02:59	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0052	1		11/13/19 02:59	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0052	1		11/13/19 02:59	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/13/19 02:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/13/19 02:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	1		11/13/19 02:59	1634-04-4	R1
n-Propylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	103-65-1	
Styrene	ND	mg/kg	0.0052	1		11/13/19 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	79-34-5	R1
Tetrachloroethene	ND	mg/kg	0.0052	1		11/13/19 02:59	127-18-4	
Toluene	ND	mg/kg	0.0052	1		11/13/19 02:59	108-88-3	R1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	71-55-6	R1
1,1,2-Trichloroethane	ND	mg/kg	0.0052	1		11/13/19 02:59	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	1		11/13/19 02:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	1		11/13/19 02:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0052	1		11/13/19 02:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0052	1		11/13/19 02:59	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-7 **Lab ID: 50240423009** Collected: 10/31/19 15:50 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.10	1		11/13/19 02:59	108-05-4	
Vinyl chloride	ND	mg/kg	0.0052	1		11/13/19 02:59	75-01-4	R1
Xylene (Total)	ND	mg/kg	0.010	1		11/13/19 02:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	77-131	1		11/13/19 02:59	1868-53-7	
Toluene-d8 (S)	87	%.	77-127	1		11/13/19 02:59	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	65-119	1		11/13/19 02:59	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.4**	%	0.10	1		11/12/19 16:27		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-8 **Lab ID: 50240423010** Collected: 10/31/19 15:55 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**19.8**	mg/kg	1.2	1	11/12/19 06:34	11/12/19 15:00	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	120-12-7	
Benzo(a)anthracene	**0.010**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	56-55-3	
Benzo(a)pyrene	**0.0080**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	50-32-8	
Benzo(b)fluoranthene	**0.0067**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	191-24-2	
Benzo(k)fluoranthene	**0.0080**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	207-08-9	
Chrysene	**0.010**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	53-70-3	
Fluoranthene	**0.015**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	90-12-0	N2
2-Methylnaphthalene	**0.0098**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	91-57-6	
Naphthalene	ND	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	91-20-3	
Phenanthrene	**0.012**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	85-01-8	
Pyrene	**0.013**	mg/kg	0.0063	1	11/13/19 10:47	11/14/19 21:31	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64	%.	23-107	1	11/13/19 10:47	11/14/19 21:31	321-60-8	
p-Terphenyl-d14 (S)	62	%.	16-117	1	11/13/19 10:47	11/14/19 21:31	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 03:42	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 03:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 03:42	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/12/19 03:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/12/19 03:42	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/12/19 03:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/12/19 03:42	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 03:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/12/19 03:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/12/19 03:42	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/12/19 03:42	95-49-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-8 **Lab ID: 50240423010** Collected: 10/31/19 15:55 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/12/19 03:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/12/19 03:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/12/19 03:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 03:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 03:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 03:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 03:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 03:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 03:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 03:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 03:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 03:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 03:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 03:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/12/19 03:42	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/12/19 03:42	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 03:42	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 03:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/12/19 03:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/12/19 03:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/12/19 03:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/12/19 03:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/12/19 03:42	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/12/19 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/12/19 03:42	127-18-4	
Toluene	ND	mg/kg	0.0055	1		11/12/19 03:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/12/19 03:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/12/19 03:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/12/19 03:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/12/19 03:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/12/19 03:42	108-67-8	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-8 **Lab ID: 50240423010** Collected: 10/31/19 15:55 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 03:42	108-05-4	L2
Vinyl chloride	ND	mg/kg	0.0055	1		11/12/19 03:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 03:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	77-131	1		11/12/19 03:42	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/12/19 03:42	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	65-119	1		11/12/19 03:42	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**21.1**	%	0.10	1		11/12/19 16:28		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-9 **Lab ID: 50240423011** Collected: 10/31/19 16:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**21.5**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 15:02	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	120-12-7	
Benzo(a)anthracene	**0.012**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	56-55-3	
Benzo(a)pyrene	**0.011**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	50-32-8	
Benzo(b)fluoranthene	**0.010**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	205-99-2	
Benzo(g,h,i)perylene	**0.0066**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	191-24-2	
Benzo(k)fluoranthene	**0.011**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	207-08-9	
Chrysene	**0.013**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	53-70-3	
Fluoranthene	**0.017**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	193-39-5	
1-Methylnaphthalene	**0.022**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	90-12-0	N2
2-Methylnaphthalene	**0.024**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	91-57-6	
Naphthalene	**0.022**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	91-20-3	
Phenanthrene	**0.014**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	85-01-8	
Pyrene	**0.017**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 21:47	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	23-107	1	11/13/19 12:25	11/14/19 21:47	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-117	1	11/13/19 12:25	11/14/19 21:47	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.094	1		11/12/19 04:07	67-64-1	
Acrolein	ND	mg/kg	0.094	1		11/12/19 04:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.094	1		11/12/19 04:07	107-13-1	
Benzene	ND	mg/kg	0.0047	1		11/12/19 04:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	75-27-4	
Bromoform	ND	mg/kg	0.0047	1		11/12/19 04:07	75-25-2	
Bromomethane	ND	mg/kg	0.0047	1		11/12/19 04:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		11/12/19 04:07	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	98-06-6	
Carbon disulfide	ND	mg/kg	0.0094	1		11/12/19 04:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0047	1		11/12/19 04:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	108-90-7	
Chloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	75-00-3	
Chloroform	ND	mg/kg	0.0047	1		11/12/19 04:07	67-66-3	
Chloromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0047	1		11/12/19 04:07	95-49-8	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-9 **Lab ID: 50240423011** Collected: 10/31/19 16:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0047	1		11/12/19 04:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0047	1		11/12/19 04:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0047	1		11/12/19 04:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.094	1		11/12/19 04:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0047	1		11/12/19 04:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/12/19 04:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/12/19 04:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0047	1		11/12/19 04:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0047	1		11/12/19 04:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0047	1		11/12/19 04:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0047	1		11/12/19 04:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/12/19 04:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/12/19 04:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.094	1		11/12/19 04:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0047	1		11/12/19 04:07	87-68-3	
n-Hexane	ND	mg/kg	0.0047	1		11/12/19 04:07	110-54-3	N2
2-Hexanone	ND	mg/kg	0.094	1		11/12/19 04:07	591-78-6	
Iodomethane	ND	mg/kg	0.094	1		11/12/19 04:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0047	1		11/12/19 04:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0047	1		11/12/19 04:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/12/19 04:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		11/12/19 04:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0047	1		11/12/19 04:07	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	103-65-1	
Styrene	ND	mg/kg	0.0047	1		11/12/19 04:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0047	1		11/12/19 04:07	127-18-4	
Toluene	ND	mg/kg	0.0047	1		11/12/19 04:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0047	1		11/12/19 04:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0047	1		11/12/19 04:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0047	1		11/12/19 04:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0047	1		11/12/19 04:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0047	1		11/12/19 04:07	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: SW-9 **Lab ID: 50240423011** Collected: 10/31/19 16:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.094	1		11/12/19 04:07	108-05-4	L2
Vinyl chloride	ND	mg/kg	0.0047	1		11/12/19 04:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.0094	1		11/12/19 04:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	77-131	1		11/12/19 04:07	1868-53-7	
Toluene-d8 (S)	105	%.	77-127	1		11/12/19 04:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/12/19 04:07	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.3**	%	0.10	1		11/12/19 16:28		

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: DUP **Lab ID: 50240423012** Collected: 10/31/19 08:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**26.9**	mg/kg	1.1	1	11/12/19 06:34	11/12/19 15:08	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	208-96-8	
Anthracene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	207-08-9	
Chrysene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	206-44-0	
Fluorene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	90-12-0	N2
2-Methylnaphthalene	**0.0078**	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	91-57-6	
Naphthalene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	85-01-8	
Pyrene	ND	mg/kg	0.0058	1	11/13/19 12:25	11/14/19 22:04	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	23-107	1	11/13/19 12:25	11/14/19 22:04	321-60-8	
p-Terphenyl-d14 (S)	78	%.	16-117	1	11/13/19 12:25	11/14/19 22:04	1718-51-0	
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/14/19 11:28	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/14/19 11:28	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/14/19 11:28	107-13-1	
Benzene	ND	mg/kg	0.0058	1		11/14/19 11:28	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		11/14/19 11:28	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		11/14/19 11:28	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/14/19 11:28	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/14/19 11:28	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		11/14/19 11:28	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	108-90-7	
Chloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		11/14/19 11:28	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		11/14/19 11:28	95-49-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: DUP **Lab ID: 50240423012** Collected: 10/31/19 08:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0058	1		11/14/19 11:28	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		11/14/19 11:28	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		11/14/19 11:28	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/14/19 11:28	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		11/14/19 11:28	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/14/19 11:28	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/14/19 11:28	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		11/14/19 11:28	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		11/14/19 11:28	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		11/14/19 11:28	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		11/14/19 11:28	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/14/19 11:28	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/14/19 11:28	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/14/19 11:28	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		11/14/19 11:28	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		11/14/19 11:28	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/14/19 11:28	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/14/19 11:28	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		11/14/19 11:28	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		11/14/19 11:28	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/14/19 11:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/14/19 11:28	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		11/14/19 11:28	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	103-65-1	
Styrene	ND	mg/kg	0.0058	1		11/14/19 11:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	1		11/14/19 11:28	127-18-4	
Toluene	ND	mg/kg	0.0058	1		11/14/19 11:28	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		11/14/19 11:28	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		11/14/19 11:28	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		11/14/19 11:28	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		11/14/19 11:28	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		11/14/19 11:28	108-67-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: DUP **Lab ID: 50240423012** Collected: 10/31/19 08:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Low Level	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.12	1		11/14/19 11:28	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		11/14/19 11:28	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/14/19 11:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/14/19 11:28	1868-53-7	
Toluene-d8 (S)	99	%.	77-127	1		11/14/19 11:28	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	65-119	1		11/14/19 11:28	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.3**	%	0.10	1		11/12/19 16:28		

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Trip Blank **Lab ID: 50240423013** Collected: 10/31/19 14:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/12/19 04:57	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/12/19 04:57	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/12/19 04:57	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/12/19 04:57	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/12/19 04:57	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/12/19 04:57	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/12/19 04:57	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/12/19 04:57	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/12/19 04:57	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/12/19 04:57	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 04:57	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 04:57	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/12/19 04:57	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/12/19 04:57	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/12/19 04:57	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 04:57	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 04:57	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 04:57	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 04:57	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 04:57	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 04:57	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 04:57	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 04:57	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 04:57	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/12/19 04:57	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/12/19 04:57	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/12/19 04:57	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/12/19 04:57	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/12/19 04:57	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Trip Blank **Lab ID: 50240423013** Collected: 10/31/19 14:00 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/12/19 04:57	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/12/19 04:57	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/12/19 04:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/12/19 04:57	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/12/19 04:57	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/12/19 04:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/12/19 04:57	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/12/19 04:57	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 04:57	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/12/19 04:57	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/12/19 04:57	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/12/19 04:57	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 04:57	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/12/19 04:57	108-05-4	L2
Vinyl chloride	ND	mg/kg	0.0050	1		11/12/19 04:57	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/12/19 04:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/12/19 04:57	1868-53-7	
Toluene-d8 (S)	104	%.	77-127	1		11/12/19 04:57	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	65-119	1		11/12/19 04:57	460-00-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base 3 **Lab ID: 50240423014** Collected: 10/31/19 15:35 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**28.7**	mg/kg	1.2	1	11/12/19 06:34	11/12/19 15:10	7439-92-1	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	56-55-3	
Benzo(a)pyrene	**0.0065**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	207-08-9	
Chrysene	**0.0062**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	193-39-5	
1-Methylnaphthalene	**0.027**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	90-12-0	N2
2-Methylnaphthalene	**0.057**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	91-57-6	
Naphthalene	**0.033**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	91-20-3	
Phenanthrene	**0.0077**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	85-01-8	
Pyrene	**0.0064**	mg/kg	0.0061	1	11/13/19 12:25	11/14/19 22:20	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	1	11/13/19 12:25	11/14/19 22:20	321-60-8	
p-Terphenyl-d14 (S)	73	%.	16-117	1	11/13/19 12:25	11/14/19 22:20	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 05:21	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 05:21	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 05:21	107-13-1	
Benzene	ND	mg/kg	0.0054	1		11/12/19 05:21	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		11/12/19 05:21	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		11/12/19 05:21	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/12/19 05:21	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 05:21	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		11/12/19 05:21	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		11/12/19 05:21	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		11/12/19 05:21	95-49-8	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base 3 **Lab ID: 50240423014** Collected: 10/31/19 15:35 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Chlorotoluene	ND	mg/kg	0.0054	1		11/12/19 05:21	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		11/12/19 05:21	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		11/12/19 05:21	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 05:21	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 05:21	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 05:21	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 05:21	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 05:21	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 05:21	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 05:21	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 05:21	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 05:21	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 05:21	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 05:21	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		11/12/19 05:21	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		11/12/19 05:21	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 05:21	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 05:21	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		11/12/19 05:21	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		11/12/19 05:21	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/12/19 05:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/12/19 05:21	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		11/12/19 05:21	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	103-65-1	
Styrene	ND	mg/kg	0.0054	1		11/12/19 05:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		11/12/19 05:21	127-18-4	
Toluene	ND	mg/kg	0.0054	1		11/12/19 05:21	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		11/12/19 05:21	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		11/12/19 05:21	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		11/12/19 05:21	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		11/12/19 05:21	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		11/12/19 05:21	108-67-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50240423

Sample: Base 3 **Lab ID: 50240423014** Collected: 10/31/19 15:35 Received: 11/02/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 05:21	108-05-4	L2
Vinyl chloride	ND	mg/kg	0.0054	1		11/12/19 05:21	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 05:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%.	77-131	1		11/12/19 05:21	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/12/19 05:21	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	65-119	1		11/12/19 05:21	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.7**	%	0.10	1		11/12/19 16:29		

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 531942 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50240423001, 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423007, 50240423008, 50240423009, 50240423010, 50240423011, 50240423012, 50240423014

METHOD BLANK: 2455370 Matrix: Solid
Associated Lab Samples: 50240423001, 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423007, 50240423008, 50240423009, 50240423010, 50240423011, 50240423012, 50240423014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	11/12/19 14:18	

LABORATORY CONTROL SAMPLE: 2455371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2455372 2455373

Parameter	Units	50240423009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	10.6	56	54.1	59.7	55.6	88	83	75-125	7	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532836
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5030 Low
Associated Lab Samples: 50240423007

METHOD BLANK: 2458960
Matrix: Solid
Associated Lab Samples: 50240423007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/13/19 15:56	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/13/19 15:56	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/13/19 15:56	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/13/19 15:56	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 15:56	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/13/19 15:56	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 15:56	
2-Butanone (MEK)	mg/kg	ND	0.025	11/13/19 15:56	
2-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 15:56	
2-Hexanone	mg/kg	ND	0.10	11/13/19 15:56	
4-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 15:56	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/13/19 15:56	
Acetone	mg/kg	ND	0.10	11/13/19 15:56	
Acrolein	mg/kg	ND	0.10	11/13/19 15:56	
Acrylonitrile	mg/kg	ND	0.10	11/13/19 15:56	
Benzene	mg/kg	ND	0.0050	11/13/19 15:56	
Bromobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
Bromochloromethane	mg/kg	ND	0.0050	11/13/19 15:56	
Bromodichloromethane	mg/kg	ND	0.0050	11/13/19 15:56	
Bromoform	mg/kg	ND	0.0050	11/13/19 15:56	
Bromomethane	mg/kg	ND	0.0050	11/13/19 15:56	
Carbon disulfide	mg/kg	ND	0.010	11/13/19 15:56	
Carbon tetrachloride	mg/kg	ND	0.0050	11/13/19 15:56	
Chlorobenzene	mg/kg	ND	0.0050	11/13/19 15:56	
Chloroethane	mg/kg	ND	0.0050	11/13/19 15:56	
Chloroform	mg/kg	ND	0.0050	11/13/19 15:56	
Chloromethane	mg/kg	ND	0.0050	11/13/19 15:56	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 15:56	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

METHOD BLANK: 2458960 Matrix: Solid
Associated Lab Samples: 50240423007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 15:56	
Dibromochloromethane	mg/kg	ND	0.0050	11/13/19 15:56	
Dibromomethane	mg/kg	ND	0.0050	11/13/19 15:56	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/13/19 15:56	
Ethyl methacrylate	mg/kg	ND	0.10	11/13/19 15:56	
Ethylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/13/19 15:56	
Iodomethane	mg/kg	ND	0.10	11/13/19 15:56	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/13/19 15:56	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/13/19 15:56	
Methylene Chloride	mg/kg	ND	0.020	11/13/19 15:56	
n-Butylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
n-Hexane	mg/kg	ND	0.0050	11/13/19 15:56	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/13/19 15:56	
sec-Butylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
Styrene	mg/kg	ND	0.0050	11/13/19 15:56	
tert-Butylbenzene	mg/kg	ND	0.0050	11/13/19 15:56	
Tetrachloroethene	mg/kg	ND	0.0050	11/13/19 15:56	
Toluene	mg/kg	ND	0.0050	11/13/19 15:56	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 15:56	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 15:56	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/13/19 15:56	
Trichloroethene	mg/kg	ND	0.0050	11/13/19 15:56	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/13/19 15:56	
Vinyl acetate	mg/kg	ND	0.10	11/13/19 15:56	
Vinyl chloride	mg/kg	ND	0.0050	11/13/19 15:56	
Xylene (Total)	mg/kg	ND	0.010	11/13/19 15:56	
4-Bromofluorobenzene (S)	%.	101	65-119	11/13/19 15:56	
Dibromofluoromethane (S)	%.	104	77-131	11/13/19 15:56	
Toluene-d8 (S)	%.	99	77-127	11/13/19 15:56	

LABORATORY CONTROL SAMPLE: 2458961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.052	104	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.042	83	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.049	99	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.042	84	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.048	95	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.046	91	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.043	85	77-125	
Benzene	mg/kg	0.05	0.045	90	74-119	
Chlorobenzene	mg/kg	0.05	0.045	90	76-113	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2458961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.046	93	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.047	93	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.046	93	75-120	
Ethylbenzene	mg/kg	0.05	0.045	90	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.047	94	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.049	97	74-131	
Tetrachloroethene	mg/kg	0.05	0.045	91	70-116	
Toluene	mg/kg	0.05	0.044	89	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.050	99	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.046	91	67-119	
Trichloroethene	mg/kg	0.05	0.045	89	74-120	
Vinyl chloride	mg/kg	0.05	0.048	96	58-133	
Xylene (Total)	mg/kg	0.15	0.14	90	71-119	
4-Bromofluorobenzene (S)	%.			105	65-119	
Dibromofluoromethane (S)	%.			107	77-131	
Toluene-d8 (S)	%.			103	77-127	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532875 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Low
Associated Lab Samples: 50240423001, 50240423012

METHOD BLANK: 2459067 Matrix: Solid
Associated Lab Samples: 50240423001, 50240423012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/14/19 04:25	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/14/19 04:25	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/14/19 04:25	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/14/19 04:25	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/14/19 04:25	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/14/19 04:25	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/14/19 04:25	
2-Butanone (MEK)	mg/kg	ND	0.025	11/14/19 04:25	
2-Chlorotoluene	mg/kg	ND	0.0050	11/14/19 04:25	
2-Hexanone	mg/kg	ND	0.10	11/14/19 04:25	
4-Chlorotoluene	mg/kg	ND	0.0050	11/14/19 04:25	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/14/19 04:25	
Acetone	mg/kg	ND	0.10	11/14/19 04:25	
Acrolein	mg/kg	ND	0.10	11/14/19 04:25	
Acrylonitrile	mg/kg	ND	0.10	11/14/19 04:25	
Benzene	mg/kg	ND	0.0050	11/14/19 04:25	
Bromobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
Bromochloromethane	mg/kg	ND	0.0050	11/14/19 04:25	
Bromodichloromethane	mg/kg	ND	0.0050	11/14/19 04:25	
Bromoform	mg/kg	ND	0.0050	11/14/19 04:25	
Bromomethane	mg/kg	ND	0.0050	11/14/19 04:25	
Carbon disulfide	mg/kg	ND	0.010	11/14/19 04:25	
Carbon tetrachloride	mg/kg	ND	0.0050	11/14/19 04:25	
Chlorobenzene	mg/kg	ND	0.0050	11/14/19 04:25	
Chloroethane	mg/kg	ND	0.0050	11/14/19 04:25	
Chloroform	mg/kg	ND	0.0050	11/14/19 04:25	
Chloromethane	mg/kg	ND	0.0050	11/14/19 04:25	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/14/19 04:25	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

METHOD BLANK: 2459067 Matrix: Solid
Associated Lab Samples: 50240423001, 50240423012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/14/19 04:25	
Dibromochloromethane	mg/kg	ND	0.0050	11/14/19 04:25	
Dibromomethane	mg/kg	ND	0.0050	11/14/19 04:25	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/14/19 04:25	
Ethyl methacrylate	mg/kg	ND	0.10	11/14/19 04:25	
Ethylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/14/19 04:25	
Iodomethane	mg/kg	ND	0.10	11/14/19 04:25	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/14/19 04:25	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/14/19 04:25	
Methylene Chloride	mg/kg	ND	0.020	11/14/19 04:25	
n-Butylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
n-Hexane	mg/kg	ND	0.0050	11/14/19 04:25	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/14/19 04:25	
sec-Butylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
Styrene	mg/kg	ND	0.0050	11/14/19 04:25	
tert-Butylbenzene	mg/kg	ND	0.0050	11/14/19 04:25	
Tetrachloroethene	mg/kg	ND	0.0050	11/14/19 04:25	
Toluene	mg/kg	ND	0.0050	11/14/19 04:25	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/14/19 04:25	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/14/19 04:25	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/14/19 04:25	
Trichloroethene	mg/kg	ND	0.0050	11/14/19 04:25	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/14/19 04:25	
Vinyl acetate	mg/kg	ND	0.10	11/14/19 04:25	
Vinyl chloride	mg/kg	ND	0.0050	11/14/19 04:25	
Xylene (Total)	mg/kg	ND	0.010	11/14/19 04:25	
4-Bromofluorobenzene (S)	%.	98	65-119	11/14/19 04:25	
Dibromofluoromethane (S)	%.	103	77-131	11/14/19 04:25	
Toluene-d8 (S)	%.	99	77-127	11/14/19 04:25	

LABORATORY CONTROL SAMPLE: 2459068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.055	111	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.045	89	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.051	101	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.041	82	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.050	100	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.051	101	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.046	92	77-125	
Benzene	mg/kg	0.05	0.048	97	74-119	
Chlorobenzene	mg/kg	0.05	0.045	91	76-113	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2459068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.050	99	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.050	99	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.047	94	75-120	
Ethylbenzene	mg/kg	0.05	0.045	89	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.047	93	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.053	106	74-131	
Tetrachloroethene	mg/kg	0.05	0.044	88	70-116	
Toluene	mg/kg	0.05	0.045	90	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.050	99	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.045	91	67-119	
Trichloroethene	mg/kg	0.05	0.046	93	74-120	
Vinyl chloride	mg/kg	0.05	0.049	98	58-133	
Xylene (Total)	mg/kg	0.15	0.13	89	71-119	
4-Bromofluorobenzene (S)	%.			105	65-119	
Dibromofluoromethane (S)	%.			101	77-131	
Toluene-d8 (S)	%.			96	77-127	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532322 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423008

METHOD BLANK: 2456942 Matrix: Solid
Associated Lab Samples: 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
2-Butanone (MEK)	mg/kg	ND	0.025	11/11/19 21:02	
2-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 21:02	
2-Hexanone	mg/kg	ND	0.10	11/11/19 21:02	
4-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 21:02	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/11/19 21:02	
Acetone	mg/kg	ND	0.10	11/11/19 21:02	
Acrolein	mg/kg	ND	0.10	11/11/19 21:02	
Acrylonitrile	mg/kg	ND	0.10	11/11/19 21:02	
Benzene	mg/kg	ND	0.0050	11/11/19 21:02	
Bromobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Bromochloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Bromodichloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Bromoform	mg/kg	ND	0.0050	11/11/19 21:02	
Bromomethane	mg/kg	ND	0.0050	11/11/19 21:02	
Carbon disulfide	mg/kg	ND	0.010	11/11/19 21:02	
Carbon tetrachloride	mg/kg	ND	0.0050	11/11/19 21:02	
Chlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Chloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
Chloroform	mg/kg	ND	0.0050	11/11/19 21:02	
Chloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

METHOD BLANK: 2456942 Matrix: Solid
Associated Lab Samples: 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
Dibromochloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Dibromomethane	mg/kg	ND	0.0050	11/11/19 21:02	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Ethyl methacrylate	mg/kg	ND	0.10	11/11/19 21:02	
Ethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/11/19 21:02	
Iodomethane	mg/kg	ND	0.10	11/11/19 21:02	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/11/19 21:02	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/11/19 21:02	
Methylene Chloride	mg/kg	ND	0.020	11/11/19 21:02	
n-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
n-Hexane	mg/kg	ND	0.0050	11/11/19 21:02	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/11/19 21:02	
sec-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Styrene	mg/kg	ND	0.0050	11/11/19 21:02	
tert-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Tetrachloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
Toluene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/11/19 21:02	
Trichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Vinyl acetate	mg/kg	ND	0.10	11/11/19 21:02	
Vinyl chloride	mg/kg	ND	0.0050	11/11/19 21:02	
Xylene (Total)	mg/kg	ND	0.010	11/11/19 21:02	
4-Bromofluorobenzene (S)	%.	99	65-119	11/11/19 21:02	
Dibromofluoromethane (S)	%.	92	77-131	11/11/19 21:02	
Toluene-d8 (S)	%.	99	77-127	11/11/19 21:02	

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.049	97	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.051	102	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.048	97	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.047	95	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.048	95	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.048	96	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.045	90	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.041	82	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.050	100	71-124	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.039	78	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.042	84	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.050	100	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.042	84	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.046	93	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.046	92	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.043	86	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.042	84	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.048	97	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.041	82	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.049	98	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.26	103	57-145	
2-Chlorotoluene	mg/kg	0.05	0.045	90	71-117	
2-Hexanone	mg/kg	0.25	0.27	106	64-127	
4-Chlorotoluene	mg/kg	0.05	0.042	85	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.25	101	60-123	
Acetone	mg/kg	0.25	0.24	95	33-174	
Acrolein	mg/kg	1	1.0	102	11-200	
Acrylonitrile	mg/kg	0.2	0.17	87	64-123	
Benzene	mg/kg	0.05	0.046	92	74-119	
Bromobenzene	mg/kg	0.05	0.051	101	73-114	
Bromochloromethane	mg/kg	0.05	0.047	94	70-118	
Bromodichloromethane	mg/kg	0.05	0.047	95	73-120	
Bromoform	mg/kg	0.05	0.047	94	65-118	
Bromomethane	mg/kg	0.05	0.067	134	37-160	
Carbon disulfide	mg/kg	0.05	0.047	94	65-123	
Carbon tetrachloride	mg/kg	0.05	0.047	94	71-125	
Chlorobenzene	mg/kg	0.05	0.046	92	76-113	
Chloroethane	mg/kg	0.05	0.044	89	59-148	
Chloroform	mg/kg	0.05	0.048	95	71-117	
Chloromethane	mg/kg	0.05	0.044	88	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.048	96	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.049	98	75-120	
Dibromochloromethane	mg/kg	0.05	0.048	96	78-121	
Dibromomethane	mg/kg	0.05	0.048	97	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.052	104	34-163	
Ethyl methacrylate	mg/kg	0.2	0.21	104	63-132	
Ethylbenzene	mg/kg	0.05	0.044	89	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.041	83	61-121	
Iodomethane	mg/kg	0.1	.09J	90	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.046	91	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.048	97	74-131	
Methylene Chloride	mg/kg	0.05	0.046	92	67-128	
n-Butylbenzene	mg/kg	0.05	0.039	78	61-116	
n-Hexane	mg/kg	0.05	0.043	86	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.042	85	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.042	85	68-117	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.044	88	72-117	
Styrene	mg/kg	0.05	0.045	89	75-120	
tert-Butylbenzene	mg/kg	0.05	0.036	71	55-100	
Tetrachloroethene	mg/kg	0.05	0.042	83	70-116	
Toluene	mg/kg	0.05	0.044	87	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.048	95	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.048	95	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.15	77	57-124	
Trichloroethene	mg/kg	0.05	0.045	90	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.049	99	59-139	
Vinyl acetate	mg/kg	0.2	0.16	82	70-134	
Vinyl chloride	mg/kg	0.05	0.046	91	58-133	
Xylene (Total)	mg/kg	0.15	0.13	88	71-119	
4-Bromofluorobenzene (S)	%.			101	65-119	
Dibromofluoromethane (S)	%.			101	77-131	
Toluene-d8 (S)	%.			97	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.046	0.052	0.039	0.048	85	93	32-149	23	20	R1
1,1,1-Trichloroethane	mg/kg	ND	0.046	0.052	0.044	0.056	97	107	48-141	24	20	R1
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.046	0.052	0.035	0.043	77	83	14-173	21	20	R1
1,1,2-Trichloroethane	mg/kg	ND	0.046	0.052	0.037	0.047	83	90	34-157	23	20	R1
1,1-Dichloroethane	mg/kg	ND	0.046	0.052	0.040	0.049	88	94	41-134	20	20	
1,1-Dichloroethene	mg/kg	ND	0.046	0.052	0.044	0.056	97	107	43-151	24	20	R1
1,1-Dichloropropene	mg/kg	ND	0.046	0.052	0.040	0.050	89	96	39-145	22	20	R1
1,2,3-Trichlorobenzene	mg/kg	ND	0.046	0.052	0.026	0.032	57	62	10-121	24	20	R1
1,2,3-Trichloropropane	mg/kg	ND	0.046	0.052	0.034	0.043	75	83	32-167	25	20	R1
1,2,4-Trichlorobenzene	mg/kg	ND	0.046	0.052	0.025	0.030	56	59	10-116	19	20	
1,2,4-Trimethylbenzene	mg/kg	ND	0.046	0.052	0.033	0.042	68	77	10-162	25	20	R1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.046	0.052	0.037	0.047	83	90	39-147	22	20	R1
1,2-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.030	0.038	67	73	10-139	22	20	R1
1,2-Dichloroethane	mg/kg	ND	0.046	0.052	0.036	0.045	81	87	45-135	22	20	R1
1,2-Dichloropropane	mg/kg	ND	0.046	0.052	0.036	0.045	80	87	41-147	23	20	R1
1,3,5-Trimethylbenzene	mg/kg	ND	0.046	0.052	0.034	0.043	74	82	10-171	23	20	R1
1,3-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.030	0.038	66	73	10-143	24	20	R1
1,3-Dichloropropane	mg/kg	ND	0.046	0.052	0.037	0.048	82	92	42-148	25	20	R1
1,4-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.029	0.036	64	70	10-138	23	20	R1
2,2-Dichloropropane	mg/kg	ND	0.046	0.052	0.042	0.050	93	97	37-142	18	20	
2-Butanone (MEK)	mg/kg	ND	0.23	0.25	0.18	0.21	81	82	18-193	15	20	
2-Chlorotoluene	mg/kg	ND	0.046	0.052	0.035	0.044	77	84	10-170	23	20	R1
2-Hexanone	mg/kg	ND	0.23	0.25	0.19	0.24	85	92	29-165	22	20	R1
4-Chlorotoluene	mg/kg	ND	0.046	0.052	0.031	0.039	68	76	10-160	25	20	R1

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.23	0.25	0.19	0.24	84	91	38-147	22	20	R1
Acetone	mg/kg	ND	0.23	0.25	0.18	0.22	78	82	10-200	19	20	
Acrolein	mg/kg	ND	0.9	1	0.71	0.89	79	86	10-200	23	20	R1
Acrylonitrile	mg/kg	ND	0.18	0.2	0.13	0.17	73	83	21-149	26	20	R1
Benzene	mg/kg	ND	0.046	0.052	0.037	0.046	82	88	38-144	22	20	R1
Bromobenzene	mg/kg	ND	0.046	0.052	0.037	0.049	81	94	16-131	28	20	R1
Bromochloromethane	mg/kg	ND	0.046	0.052	0.034	0.042	76	81	46-130	20	20	
Bromodichloromethane	mg/kg	ND	0.046	0.052	0.037	0.046	81	89	23-144	23	20	R1
Bromoform	mg/kg	ND	0.046	0.052	0.034	0.042	75	80	10-160	20	20	
Bromomethane	mg/kg	ND	0.046	0.052	0.056	0.071	124	137	24-158	24	20	R1
Carbon disulfide	mg/kg	ND	0.046	0.052	0.040	0.050	89	95	33-142	21	20	R1
Carbon tetrachloride	mg/kg	ND	0.046	0.052	0.042	0.052	93	101	40-142	22	20	R1
Chlorobenzene	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	30-134	23	20	R1
Chloroethane	mg/kg	ND	0.046	0.052	0.038	0.046	84	88	33-174	19	20	
Chloroform	mg/kg	ND	0.046	0.052	0.039	0.048	86	92	40-139	21	20	R1
Chloromethane	mg/kg	ND	0.046	0.052	0.036	0.044	80	84	27-129	19	20	
cis-1,2-Dichloroethene	mg/kg	ND	0.046	0.052	0.038	0.045	84	87	43-136	17	20	
cis-1,3-Dichloropropene	mg/kg	ND	0.046	0.052	0.037	0.049	83	94	28-145	27	20	R1
Dibromochloromethane	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	27-146	24	20	R1
Dibromomethane	mg/kg	ND	0.046	0.052	0.036	0.045	79	86	46-133	22	20	R1
Dichlorodifluoromethane	mg/kg	ND	0.046	0.052	0.051	0.062	113	119	19-185	19	20	
Ethyl methacrylate	mg/kg	ND	0.18	0.2	0.16	0.20	89	98	10-157	24	20	R1
Ethylbenzene	mg/kg	ND	0.046	0.052	0.037	0.047	82	90	23-146	24	20	R1
Hexachloro-1,3-butadiene	mg/kg	ND	0.046	0.052	0.032	0.039	71	75	10-167	20	20	
Iodomethane	mg/kg	ND	0.09	0.1	.06J	.079J	66	76	20-171		20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.046	0.052	0.038	0.049	85	94	22-147	25	20	R1
Methyl-tert-butyl ether	mg/kg	ND	0.046	0.052	0.041	0.050	91	96	54-151	19	20	
Methylene Chloride	mg/kg	ND	0.046	0.052	0.037	0.045	82	86	35-148	20	20	
n-Butylbenzene	mg/kg	ND	0.046	0.052	0.030	0.037	67	72	10-170	21	20	R1
n-Hexane	mg/kg	ND	0.046	0.052	0.045	0.054	100	103	24-157	17	20	N2
n-Propylbenzene	mg/kg	ND	0.046	0.052	0.034	0.043	75	81	10-173	21	20	R1
p-Isopropyltoluene	mg/kg	ND	0.046	0.052	0.034	0.043	75	82	10-179	24	20	R1
sec-Butylbenzene	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	10-175	23	20	R1
Styrene	mg/kg	ND	0.046	0.052	0.035	0.045	78	87	12-140	24	20	R1
tert-Butylbenzene	mg/kg	ND	0.046	0.052	0.032	0.039	72	74	10-150	17	20	
Tetrachloroethene	mg/kg	ND	0.046	0.052	0.037	0.048	83	92	25-147	25	20	R1
Toluene	mg/kg	ND	0.046	0.052	0.038	0.048	82	90	31-144	23	20	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.046	0.052	0.041	0.050	92	96	41-138	19	20	
trans-1,3-Dichloropropene	mg/kg	ND	0.046	0.052	0.035	0.046	78	88	27-131	25	20	R1
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.18	0.2	0.10	0.13	56	65	10-143	27	20	R1
Trichloroethene	mg/kg	ND	0.046	0.052	0.038	0.048	83	92	22-167	24	20	R1
Trichlorofluoromethane	mg/kg	ND	0.046	0.052	0.045	0.059	100	114	35-165	27	20	R1
Vinyl acetate	mg/kg	ND	0.18	0.2	0.10	0.13	57	61	10-131	21	20	R1
Vinyl chloride	mg/kg	ND	0.046	0.052	0.040	0.050	89	96	40-150	21	20	R1

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	mg/kg	ND	0.14	0.15	0.11	0.14	80	89	20-146	25	20	RS
4-Bromofluorobenzene (S)	%.						105	106	65-119			
Dibromofluoromethane (S)	%.						105	98	77-131			
Toluene-d8 (S)	%.						101	101	77-127			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532323 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240423010, 50240423011, 50240423013, 50240423014

METHOD BLANK: 2456946 Matrix: Solid
Associated Lab Samples: 50240423010, 50240423011, 50240423013, 50240423014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/12/19 03:17	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/12/19 03:17	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/12/19 03:17	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/12/19 03:17	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/12/19 03:17	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/12/19 03:17	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/12/19 03:17	
2-Butanone (MEK)	mg/kg	ND	0.025	11/12/19 03:17	
2-Chlorotoluene	mg/kg	ND	0.0050	11/12/19 03:17	
2-Hexanone	mg/kg	ND	0.10	11/12/19 03:17	
4-Chlorotoluene	mg/kg	ND	0.0050	11/12/19 03:17	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/12/19 03:17	
Acetone	mg/kg	ND	0.10	11/12/19 03:17	
Acrolein	mg/kg	ND	0.10	11/12/19 03:17	
Acrylonitrile	mg/kg	ND	0.10	11/12/19 03:17	
Benzene	mg/kg	ND	0.0050	11/12/19 03:17	
Bromobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
Bromochloromethane	mg/kg	ND	0.0050	11/12/19 03:17	
Bromodichloromethane	mg/kg	ND	0.0050	11/12/19 03:17	
Bromoform	mg/kg	ND	0.0050	11/12/19 03:17	
Bromomethane	mg/kg	ND	0.0050	11/12/19 03:17	
Carbon disulfide	mg/kg	ND	0.010	11/12/19 03:17	
Carbon tetrachloride	mg/kg	ND	0.0050	11/12/19 03:17	
Chlorobenzene	mg/kg	ND	0.0050	11/12/19 03:17	
Chloroethane	mg/kg	ND	0.0050	11/12/19 03:17	
Chloroform	mg/kg	ND	0.0050	11/12/19 03:17	
Chloromethane	mg/kg	ND	0.0050	11/12/19 03:17	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/12/19 03:17	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

METHOD BLANK: 2456946 Matrix: Solid
Associated Lab Samples: 50240423010, 50240423011, 50240423013, 50240423014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/12/19 03:17	
Dibromochloromethane	mg/kg	ND	0.0050	11/12/19 03:17	
Dibromomethane	mg/kg	ND	0.0050	11/12/19 03:17	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/12/19 03:17	
Ethyl methacrylate	mg/kg	ND	0.10	11/12/19 03:17	
Ethylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/12/19 03:17	
Iodomethane	mg/kg	ND	0.10	11/12/19 03:17	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/12/19 03:17	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/12/19 03:17	
Methylene Chloride	mg/kg	ND	0.020	11/12/19 03:17	
n-Butylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
n-Hexane	mg/kg	ND	0.0050	11/12/19 03:17	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/12/19 03:17	
sec-Butylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
Styrene	mg/kg	ND	0.0050	11/12/19 03:17	
tert-Butylbenzene	mg/kg	ND	0.0050	11/12/19 03:17	
Tetrachloroethene	mg/kg	ND	0.0050	11/12/19 03:17	
Toluene	mg/kg	ND	0.0050	11/12/19 03:17	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/12/19 03:17	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/12/19 03:17	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/12/19 03:17	
Trichloroethene	mg/kg	ND	0.0050	11/12/19 03:17	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/12/19 03:17	
Vinyl acetate	mg/kg	ND	0.10	11/12/19 03:17	
Vinyl chloride	mg/kg	ND	0.0050	11/12/19 03:17	
Xylene (Total)	mg/kg	ND	0.010	11/12/19 03:17	
4-Bromofluorobenzene (S)	%.	103	65-119	11/12/19 03:17	
Dibromofluoromethane (S)	%.	100	77-131	11/12/19 03:17	
Toluene-d8 (S)	%.	102	77-127	11/12/19 03:17	

LABORATORY CONTROL SAMPLE: 2456947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.041	82	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.044	89	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.040	79	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.043	85	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.044	87	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.048	96	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.042	83	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.034	69	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.042	84	71-124	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2456947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.031	63	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.036	73	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.043	87	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.037	74	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.041	81	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.040	80	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.038	77	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.035	71	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.042	85	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.035	70	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.042	85	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.20	81	57-145	
2-Chlorotoluene	mg/kg	0.05	0.040	79	71-117	
2-Hexanone	mg/kg	0.25	0.22	87	64-127	
4-Chlorotoluene	mg/kg	0.05	0.036	72	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.21	84	60-123	
Acetone	mg/kg	0.25	0.22	86	33-174	
Acrolein	mg/kg	1	0.88	88	11-200	
Acrylonitrile	mg/kg	0.2	0.15	75	64-123	
Benzene	mg/kg	0.05	0.041	81	74-119	
Bromobenzene	mg/kg	0.05	0.043	86	73-114	
Bromochloromethane	mg/kg	0.05	0.037	75	70-118	
Bromodichloromethane	mg/kg	0.05	0.042	83	73-120	
Bromoform	mg/kg	0.05	0.040	79	65-118	
Bromomethane	mg/kg	0.05	0.073	146	37-160	
Carbon disulfide	mg/kg	0.05	0.044	87	65-123	
Carbon tetrachloride	mg/kg	0.05	0.044	88	71-125	
Chlorobenzene	mg/kg	0.05	0.041	82	76-113	
Chloroethane	mg/kg	0.05	0.047	94	59-148	
Chloroform	mg/kg	0.05	0.040	80	71-117	
Chloromethane	mg/kg	0.05	0.040	81	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.041	82	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.043	85	75-120	
Dibromochloromethane	mg/kg	0.05	0.042	84	78-121	
Dibromomethane	mg/kg	0.05	0.041	82	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.054	108	34-163	
Ethyl methacrylate	mg/kg	0.2	0.18	91	63-132	
Ethylbenzene	mg/kg	0.05	0.039	78	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.037	73	61-121	
Iodomethane	mg/kg	0.1	.074J	74	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.041	82	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.042	84	74-131	
Methylene Chloride	mg/kg	0.05	0.043	87	67-128	
n-Butylbenzene	mg/kg	0.05	0.033	67	61-116	
n-Hexane	mg/kg	0.05	0.045	89	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.038	75	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.037	75	68-117	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2456947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.040	80	72-117	
Styrene	mg/kg	0.05	0.039	78	75-120	
tert-Butylbenzene	mg/kg	0.05	0.036	72	55-100	
Tetrachloroethene	mg/kg	0.05	0.041	81	70-116	
Toluene	mg/kg	0.05	0.040	80	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.042	84	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.041	81	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.12	61	57-124	
Trichloroethene	mg/kg	0.05	0.041	81	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.053	107	59-139	
Vinyl acetate	mg/kg	0.2	0.13	67	70-134	L2
Vinyl chloride	mg/kg	0.05	0.048	97	58-133	
Xylene (Total)	mg/kg	0.15	0.12	77	71-119	
4-Bromofluorobenzene (S)	%.			97	65-119	
Dibromofluoromethane (S)	%.			96	77-131	
Toluene-d8 (S)	%.			99	77-127	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532610
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240423009

METHOD BLANK: 2457979
Matrix: Solid
Associated Lab Samples: 50240423009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/13/19 01:15	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/13/19 01:15	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/13/19 01:15	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/13/19 01:15	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 01:15	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/13/19 01:15	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 01:15	
2-Butanone (MEK)	mg/kg	ND	0.025	11/13/19 01:15	
2-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 01:15	
2-Hexanone	mg/kg	ND	0.10	11/13/19 01:15	
4-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 01:15	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/13/19 01:15	
Acetone	mg/kg	ND	0.10	11/13/19 01:15	
Acrolein	mg/kg	ND	0.10	11/13/19 01:15	
Acrylonitrile	mg/kg	ND	0.10	11/13/19 01:15	
Benzene	mg/kg	ND	0.0050	11/13/19 01:15	
Bromobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
Bromochloromethane	mg/kg	ND	0.0050	11/13/19 01:15	
Bromodichloromethane	mg/kg	ND	0.0050	11/13/19 01:15	
Bromoform	mg/kg	ND	0.0050	11/13/19 01:15	
Bromomethane	mg/kg	ND	0.0050	11/13/19 01:15	
Carbon disulfide	mg/kg	ND	0.010	11/13/19 01:15	
Carbon tetrachloride	mg/kg	ND	0.0050	11/13/19 01:15	
Chlorobenzene	mg/kg	ND	0.0050	11/13/19 01:15	
Chloroethane	mg/kg	ND	0.0050	11/13/19 01:15	
Chloroform	mg/kg	ND	0.0050	11/13/19 01:15	
Chloromethane	mg/kg	ND	0.0050	11/13/19 01:15	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 01:15	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

METHOD BLANK: 2457979 Matrix: Solid
Associated Lab Samples: 50240423009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 01:15	
Dibromochloromethane	mg/kg	ND	0.0050	11/13/19 01:15	
Dibromomethane	mg/kg	ND	0.0050	11/13/19 01:15	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/13/19 01:15	
Ethyl methacrylate	mg/kg	ND	0.10	11/13/19 01:15	
Ethylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/13/19 01:15	
Iodomethane	mg/kg	ND	0.10	11/13/19 01:15	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/13/19 01:15	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/13/19 01:15	
Methylene Chloride	mg/kg	ND	0.020	11/13/19 01:15	
n-Butylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
n-Hexane	mg/kg	ND	0.0050	11/13/19 01:15	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/13/19 01:15	
sec-Butylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
Styrene	mg/kg	ND	0.0050	11/13/19 01:15	
tert-Butylbenzene	mg/kg	ND	0.0050	11/13/19 01:15	
Tetrachloroethene	mg/kg	ND	0.0050	11/13/19 01:15	
Toluene	mg/kg	ND	0.0050	11/13/19 01:15	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 01:15	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 01:15	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/13/19 01:15	
Trichloroethene	mg/kg	ND	0.0050	11/13/19 01:15	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/13/19 01:15	
Vinyl acetate	mg/kg	ND	0.10	11/13/19 01:15	
Vinyl chloride	mg/kg	ND	0.0050	11/13/19 01:15	
Xylene (Total)	mg/kg	ND	0.010	11/13/19 01:15	
4-Bromofluorobenzene (S)	%.	92	65-119	11/13/19 01:15	
Dibromofluoromethane (S)	%.	115	77-131	11/13/19 01:15	
Toluene-d8 (S)	%.	85	77-127	11/13/19 01:15	

LABORATORY CONTROL SAMPLE: 2457980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.058	115	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.049	98	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.057	113	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.045	90	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.056	112	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.051	102	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.049	99	77-125	
Benzene	mg/kg	0.05	0.053	106	74-119	
Chlorobenzene	mg/kg	0.05	0.052	104	76-113	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2457980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.052	104	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.057	114	70-122	
Ethylbenzene	mg/kg	0.05	0.053	105	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.052	104	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.056	112	74-131	
Tetrachloroethene	mg/kg	0.05	0.054	107	70-116	
Toluene	mg/kg	0.05	0.046	92	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.054	109	70-120	
Trichloroethene	mg/kg	0.05	0.054	107	74-120	
Vinyl chloride	mg/kg	0.05	0.037	74	58-133	
Xylene (Total)	mg/kg	0.15	0.15	102	71-119	
4-Bromofluorobenzene (S)	%.			95	65-119	
Dibromofluoromethane (S)	%.			106	77-131	
Toluene-d8 (S)	%.			87	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457981 2457982

Parameter	Units	50240423009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	ND	0.067	0.051	0.072	0.057	108	111	48-141	24	20	R1
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.067	0.051	0.059	0.047	88	92	14-173	23	20	R1
1,1-Dichloroethene	mg/kg	ND	0.067	0.051	0.063	0.056	94	110	43-151	12	20	
1,2,4-Trimethylbenzene	mg/kg	ND	0.067	0.051	0.052	0.044	77	86	10-162	17	20	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.067	0.051	0.067	0.052	99	102	39-147	24	20	R1
1,2-Dichloroethane	mg/kg	ND	0.067	0.051	0.064	0.048	96	93	45-135	29	20	R1
1,2-Dichloropropane	mg/kg	ND	0.067	0.051	0.061	0.049	91	95	41-147	23	20	R1
Benzene	mg/kg	ND	0.067	0.051	0.061	0.052	91	102	38-144	16	20	
Chlorobenzene	mg/kg	ND	0.067	0.051	0.057	0.050	85	99	30-134	12	20	
Chloroform	mg/kg	ND	0.067	0.051	0.065	0.052	96	102	40-139	22	20	R1
cis-1,2-Dichloroethene	mg/kg	ND	0.067	0.051	0.062	0.056	93	110	43-136	11	20	
Ethylbenzene	mg/kg	ND	0.067	0.051	0.059	0.051	88	100	23-146	14	20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.067	0.051	0.063	0.051	94	100	22-147	20	20	
Methyl-tert-butyl ether	mg/kg	ND	0.067	0.051	0.070	0.055	104	107	54-151	24	20	R1
Tetrachloroethene	mg/kg	ND	0.067	0.051	0.059	0.053	88	103	25-147	12	20	
Toluene	mg/kg	ND	0.067	0.051	0.059	0.046	88	91	31-144	24	20	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.067	0.051	0.064	0.054	96	106	41-138	17	20	
Trichloroethene	mg/kg	ND	0.067	0.051	0.061	0.053	91	103	22-167	15	20	
Vinyl chloride	mg/kg	ND	0.067	0.051	0.051	0.036	76	70	40-150	35	20	R1
Xylene (Total)	mg/kg	ND	0.2	0.16	0.17	0.15	86	97	20-146	15	20	
4-Bromofluorobenzene (S)	%.						110	92	65-119			
Dibromofluoromethane (S)	%.						102	105	77-131			
Toluene-d8 (S)	%.						95	89	77-127			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532701 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240423001, 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423007, 50240423008, 50240423009, 50240423010

METHOD BLANK: 2458281 Matrix: Solid
Associated Lab Samples: 50240423001, 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423007, 50240423008, 50240423009, 50240423010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/13/19 21:03	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/13/19 21:03	
Acenaphthene	mg/kg	ND	0.0050	11/13/19 21:03	
Acenaphthylene	mg/kg	ND	0.0050	11/13/19 21:03	
Anthracene	mg/kg	ND	0.0050	11/13/19 21:03	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/13/19 21:03	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/13/19 21:03	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/13/19 21:03	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/13/19 21:03	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/13/19 21:03	
Chrysene	mg/kg	ND	0.0050	11/13/19 21:03	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/13/19 21:03	
Fluoranthene	mg/kg	ND	0.0050	11/13/19 21:03	
Fluorene	mg/kg	ND	0.0050	11/13/19 21:03	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/13/19 21:03	
Naphthalene	mg/kg	ND	0.0050	11/13/19 21:03	
Phenanthrene	mg/kg	ND	0.0050	11/13/19 21:03	
Pyrene	mg/kg	ND	0.0050	11/13/19 21:03	
2-Fluorobiphenyl (S)	%.	87	23-107	11/13/19 21:03	
p-Terphenyl-d14 (S)	%.	96	16-117	11/13/19 21:03	

LABORATORY CONTROL SAMPLE: 2458282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.28	86	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.28	86	45-111	
Acenaphthene	mg/kg	0.33	0.30	90	48-109	
Acenaphthylene	mg/kg	0.33	0.30	90	49-108	
Anthracene	mg/kg	0.33	0.31	94	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.32	98	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.34	103	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.29	88	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.31	94	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.35	105	33-150	
Chrysene	mg/kg	0.33	0.33	99	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.34	104	28-160	
Fluoranthene	mg/kg	0.33	0.33	99	49-121	
Fluorene	mg/kg	0.33	0.30	91	47-116	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2458282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.32	98	31-155	
Naphthalene	mg/kg	0.33	0.28	85	47-103	
Phenanthrene	mg/kg	0.33	0.30	91	50-114	
Pyrene	mg/kg	0.33	0.33	100	49-114	
2-Fluorobiphenyl (S)	%.			91	23-107	
p-Terphenyl-d14 (S)	%.			99	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458283 2458284

Parameter	Units	50240423009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.4	0.4	0.29	0.27	70	67	10-145	6	20	
2-Methylnaphthalene	mg/kg	ND	0.4	0.4	0.29	0.27	70	67	10-135	6	20	
Acenaphthene	mg/kg	ND	0.4	0.4	0.30	0.29	73	72	10-138	3	20	
Acenaphthylene	mg/kg	ND	0.4	0.4	0.30	0.30	74	73	11-133	2	20	
Anthracene	mg/kg	ND	0.4	0.4	0.31	0.34	76	83	10-131	8	20	
Benzo(a)anthracene	mg/kg	ND	0.4	0.4	0.32	0.34	79	84	10-158	6	20	
Benzo(a)pyrene	mg/kg	ND	0.4	0.4	0.32	0.36	77	89	10-174	13	20	
Benzo(b)fluoranthene	mg/kg	ND	0.4	0.4	0.31	0.31	76	77	10-184	0	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.4	0.4	0.33	0.34	80	85	10-170	5	20	
Benzo(k)fluoranthene	mg/kg	ND	0.4	0.4	0.34	0.38	83	95	10-183	13	20	
Chrysene	mg/kg	ND	0.4	0.4	0.33	0.35	82	86	10-147	5	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.4	0.4	0.35	0.37	86	91	10-166	5	20	
Fluoranthene	mg/kg	ND	0.4	0.4	0.32	0.35	79	87	10-158	9	20	
Fluorene	mg/kg	ND	0.4	0.4	0.30	0.31	74	78	10-142	5	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.4	0.4	0.32	0.33	78	82	11-167	4	20	
Naphthalene	mg/kg	ND	0.4	0.4	0.29	0.27	71	68	13-128	5	20	
Phenanthrene	mg/kg	ND	0.4	0.4	0.30	0.33	75	81	10-164	7	20	
Pyrene	mg/kg	ND	0.4	0.4	0.32	0.34	78	85	10-152	8	20	
2-Fluorobiphenyl (S)	%.						71	69	23-107			
p-Terphenyl-d14 (S)	%.						72	78	16-117			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532762 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240423011, 50240423012, 50240423014

METHOD BLANK: 2458521 Matrix: Solid
Associated Lab Samples: 50240423011, 50240423012, 50240423014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
Acenaphthene	mg/kg	ND	0.0050	11/14/19 15:13	
Acenaphthylene	mg/kg	ND	0.0050	11/14/19 15:13	
Anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Chrysene	mg/kg	ND	0.0050	11/14/19 15:13	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Fluorene	mg/kg	ND	0.0050	11/14/19 15:13	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
Naphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
Phenanthrene	mg/kg	ND	0.0050	11/14/19 15:13	
Pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
2-Fluorobiphenyl (S)	%.	87	23-107	11/14/19 15:13	
p-Terphenyl-d14 (S)	%.	92	16-117	11/14/19 15:13	

LABORATORY CONTROL SAMPLE: 2458522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.27	81	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.27	82	45-111	
Acenaphthene	mg/kg	0.33	0.28	86	48-109	
Acenaphthylene	mg/kg	0.33	0.28	85	49-108	
Anthracene	mg/kg	0.33	0.30	92	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.31	95	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.33	99	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.31	95	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.33	101	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.33	101	33-150	
Chrysene	mg/kg	0.33	0.32	97	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.35	106	28-160	
Fluoranthene	mg/kg	0.33	0.31	95	49-121	
Fluorene	mg/kg	0.33	0.29	88	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.32	97	31-155	
Naphthalene	mg/kg	0.33	0.27	82	47-103	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

LABORATORY CONTROL SAMPLE: 2458522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	0.33	0.29	89	50-114	
Pyrene	mg/kg	0.33	0.31	94	49-114	
2-Fluorobiphenyl (S)	%.			90	23-107	
p-Terphenyl-d14 (S)	%.			96	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458523 2458524

Parameter	Units	50241137001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.044	0.4	0.4	0.34	0.31	73	65	10-145	9	20	
2-Methylnaphthalene	mg/kg	0.057	0.4	0.4	0.34	0.31	71	61	10-135	11	20	
Acenaphthene	mg/kg	ND	0.4	0.4	0.32	0.30	78	70	10-138	9	20	
Acenaphthylene	mg/kg	ND	0.4	0.4	0.29	0.28	65	62	11-133	3	20	
Anthracene	mg/kg	ND	0.4	0.4	0.27	0.25	62	55	10-131	10	20	
Benzo(a)anthracene	mg/kg	ND	0.4	0.4	0.24	0.21	55	46	10-158	15	20	
Benzo(a)pyrene	mg/kg	ND	0.4	0.4	0.19	0.16	45	36	10-174	21	20	R1
Benzo(b)fluoranthene	mg/kg	ND	0.4	0.4	0.20	0.18	50	43	10-184	13	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.4	0.4	0.16	0.13	36	30	10-170	16	20	
Benzo(k)fluoranthene	mg/kg	ND	0.4	0.4	0.24	0.21	61	51	10-183	16	20	
Chrysene	mg/kg	0.043	0.4	0.4	0.26	0.23	54	46	10-147	12	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.4	0.4	0.18	0.14	45	34	10-166	27	20	R1
Fluoranthene	mg/kg	0.070	0.4	0.4	0.34	0.31	68	59	10-158	10	20	
Fluorene	mg/kg	ND	0.4	0.4	0.31	0.28	75	68	10-142	9	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.4	0.4	0.16	0.12	39	29	11-167	26	20	R1
Naphthalene	mg/kg	0.12	0.4	0.4	0.39	0.37	69	62	13-128	6	20	
Phenanthrene	mg/kg	0.15	0.4	0.4	0.48	0.44	82	73	10-164	7	20	
Pyrene	mg/kg	0.063	0.4	0.4	0.33	0.30	66	59	10-152	9	20	
2-Fluorobiphenyl (S)	%.						67	55	23-107			
p-Terphenyl-d14 (S)	%.						56	47	16-117			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532560 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240423001, 50240423002, 50240423003, 50240423004, 50240423005, 50240423006, 50240423007, 50240423008

SAMPLE DUPLICATE: 2457785

Parameter	Units	50240411008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	18.2	2	5	

SAMPLE DUPLICATE: 2457794

Parameter	Units	50240423008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.4	21.7	1	5	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50240423

QC Batch: 532573 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240423009, 50240423010, 50240423011, 50240423012, 50240423014

SAMPLE DUPLICATE: 2457886

Parameter	Units	50240423009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.4	18.9	3	5	

SAMPLE DUPLICATE: 2457887

Parameter	Units	50240423014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.7	20.0	6	5	R1

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Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Can Clay Facility
Pace Project No.: 50240423

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I	Pace Analytical Services - Indianapolis

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.
S0	Surrogate recovery outside laboratory control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50240423

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240423001	Base-1	EPA 3050	531942	EPA 6010	532520
50240423002	SW-1	EPA 3050	531942	EPA 6010	532520
50240423003	SW-2	EPA 3050	531942	EPA 6010	532520
50240423004	SW-3	EPA 3050	531942	EPA 6010	532520
50240423005	SW-4	EPA 3050	531942	EPA 6010	532520
50240423006	SW-5	EPA 3050	531942	EPA 6010	532520
50240423007	Base-2	EPA 3050	531942	EPA 6010	532520
50240423008	SW-6	EPA 3050	531942	EPA 6010	532520
50240423009	SW-7	EPA 3050	531942	EPA 6010	532520
50240423010	SW-8	EPA 3050	531942	EPA 6010	532520
50240423011	SW-9	EPA 3050	531942	EPA 6010	532520
50240423012	DUP	EPA 3050	531942	EPA 6010	532520
50240423014	Base 3	EPA 3050	531942	EPA 6010	532520
50240423001	Base-1	EPA 3546	532701	EPA 8270 by SIM	532839
50240423002	SW-1	EPA 3546	532701	EPA 8270 by SIM	532839
50240423003	SW-2	EPA 3546	532701	EPA 8270 by SIM	532839
50240423004	SW-3	EPA 3546	532701	EPA 8270 by SIM	532839
50240423005	SW-4	EPA 3546	532701	EPA 8270 by SIM	532839
50240423006	SW-5	EPA 3546	532701	EPA 8270 by SIM	532839
50240423007	Base-2	EPA 3546	532701	EPA 8270 by SIM	532839
50240423008	SW-6	EPA 3546	532701	EPA 8270 by SIM	532839
50240423009	SW-7	EPA 3546	532701	EPA 8270 by SIM	532839
50240423010	SW-8	EPA 3546	532701	EPA 8270 by SIM	532839
50240423011	SW-9	EPA 3546	532762	EPA 8270 by SIM	532840
50240423012	DUP	EPA 3546	532762	EPA 8270 by SIM	532840
50240423014	Base 3	EPA 3546	532762	EPA 8270 by SIM	532840
50240423001	Base-1	EPA 8260	532875		
50240423007	Base-2	EPA 8260	532836		
50240423012	DUP	EPA 8260	532875		
50240423002	SW-1	EPA 8260	532322		
50240423003	SW-2	EPA 8260	532322		
50240423004	SW-3	EPA 8260	532322		
50240423005	SW-4	EPA 8260	532322		
50240423006	SW-5	EPA 8260	532322		
50240423008	SW-6	EPA 8260	532322		
50240423009	SW-7	EPA 8260	532610		
50240423010	SW-8	EPA 8260	532323		
50240423011	SW-9	EPA 8260	532323		
50240423013	Trip Blank	EPA 8260	532323		
50240423014	Base 3	EPA 8260	532323		
50240423001	Base-1	SM 2540G	532560		
50240423002	SW-1	SM 2540G	532560		
50240423003	SW-2	SM 2540G	532560		
50240423004	SW-3	SM 2540G	532560		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50240423

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240423005	**SW-4**	SM 2540G	532560		
50240423006	**SW-5**	SM 2540G	532560		
50240423007	**Base-2**	SM 2540G	532560		
50240423008	**SW-6**	SM 2540G	532560		
50240423009	**SW-7**	SM 2540G	532573		
50240423010	**SW-8**	SM 2540G	532573		
50240423011	**SW-9**	SM 2540G	532573		
50240423012	**DUP**	SM 2540G	532573		
50240423014	**Base 3**	SM 2540G	532573		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50248423

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Wedeking Ave D2 Evansville, IN 47715	
Report To: Megan Foye	Email To: megan.foye@atcgs.com
Copy To: Brian.Kleeman@atcgs.com	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Carmelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 812 972 2425 Email:	Site/Facility ID #: 170IRPC08P
Collected By (print): Megan Foye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: STANDARD LVL IV
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [X] Yes [ ] No
	DW PWS ID #: DW Location Code:
	Immediately Packed on Ice: [X] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 8260	PAHs 8270 SIM	Lead 6010B	Lab Sample #
Base - 1	SL	G	10/31/19	1500					X	X	X	001
SW - 1				1510								002
SW - 2				1515								003
SW - 3				1530								004
SW - 4				1517								005
SW - 5				1518								006
Base - 2				1540								007
SW - 6				1545								008
SW - 7				1550								009

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:
See SW

Customer Remarks / Special Conditions / Possible Hazards: Level IV

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2466964

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 3
Cooler 1 Temp Upon Receipt: 2.9 oC 0.8
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 2.9 oC 0.8
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
ATC	11/1/19 @ 1820	Fed Ex	11/1/19 @ 1830
Fedex	11-2-19 920		11-2-19 920

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50240423

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Weddeking Ave D2, Evansville, IN 47715	
Report To: Megan Faye	Email To: megan.faye@atcgs.com
Copy To: Brian.Kleeman@atcgs.com	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 812-972-2425 Email:	Site/Facility ID #: 170IRPC08P
Collected By (print): Megan Faye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: STANDARD LvlIV
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Compliance Monitoring? [ ] Yes [ ] No	DW PWS ID #: DW Location Code:
Immediately Packed on Ice: [ ] Yes [ ] No	Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270 Sim	Lead 6010B	Lab Sample # / Comments
SW-8	SL	G	10/31/19	1555					X	X	X	010
SW-9	↓	↓	↓	1600					↓	↓	↓	011
DUP	↓	↓	↓	—					↓	↓	↓	012
MSMSD	↓	↓	↓	1550					↓	↓	↓	009 013 014
TRip Blank	↓	↓	↓	1400					↓	↓	↓	
Base 3	↓	↓	↓	1535					↓	X	X	

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:

dss 110419

Customer Remarks / Special Conditions / Possible Hazards:

Level IV.
MSMSD from

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2466965

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 3

Cooler 1 Temp Upon Receipt: 2.1 oC 0.8

Cooler 1 Therm Corr. Factor: 1.0 oC

Cooler 1 Corrected Temp: 2.1 oC 0.8

Comments:

Relinquished by/Company: (Signature) /ATC	Date/Time: 11/1/19 1830	Received by/Company: (Signature) FedEx	Date/Time: 11/1/19 1830	MTJL LAB USE ONLY
Relinquished by/Company: (Signature) Fedex	Date/Time: 11-2-19 920	Received by/Company: (Signature)	Date/Time: 11-2-19 920	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50240423

Date/Time and Initials of person examining contents: KS 11-2-19 1014

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 1250 8170 9993

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer: 1 2 3 4 5 6 A B C D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 2.9 12.9, 0.8 10.8 Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp		✓	All containers needing acid/base pres. Have been checked?: exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl. All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present	✓		Dissolved Metals field filtered?			✓
Chain of Custody Filled Out:	✓					
Short Hold Time Analysis (<72hr)?: Analysis:	✓	XKS	Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: TC 1100				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
			Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm)		XKS	✓
Containers Intact?:	✓		Trip Blank Present?:	✓		
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments: samples missing Date/time
TB missing custody seals

111319 Brian - Base-2 needs medium level, medium level vial has no Methanol. Base-1 and DUP both LL vials bad purge. Sample out of 4 oz per Brian. dss

COC PAGE 10 of 2

Sample Container Count

Sample Line Item	WGFU	SBS OT BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>12
1	2	3																										
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 20 KS of 2

Sample Container Count

WO# : 50240423

50240423

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	2	3	13																							SL			
2																													
3	↓	↓																											
4	4	6																											
5		3																											
6	2	3																											
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 20, 2019

Mr. Brian Kleeman
ATC Group Services
6149 Wedeking Avenue, Bldg D
Suite 2
Evansville, IN 47715

RE: Project: Can City Facility
Pace Project No.: 50240510

Dear Mr. Kleeman:
Enclosed are the analytical results for sample(s) received by the laboratory between November 05, 2019 and November 12, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna S. Spyker

Donna Spyker
donna.spyker@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Ms. Megan Foye, ATC Group Services

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CERTIFICATIONS

Project: Can City Facility
Pace Project No.: 50240510

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050
Ohio VAP Certification #: CL0065
Oklahoma Certification #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-19-00257

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SAMPLE SUMMARY

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50240510001	B-1 (0-2)	Solid	11/04/19 13:30	11/05/19 08:50
50240510002	B-1 (6-8)	Solid	11/04/19 13:45	11/05/19 08:50
50240510003	B-2 (2-4)	Solid	11/04/19 14:00	11/05/19 08:50
50240510004	B-2 (12-14)	Solid	11/04/19 14:13	11/05/19 08:50
50240510005	B-3 (0-2)	Solid	11/04/19 14:25	11/05/19 08:50
50240510006	B-3 (24-26)	Solid	11/04/19 14:51	11/05/19 08:50
50240510007	B-4 (2-4)	Solid	11/04/19 15:10	11/05/19 08:50
50240510008	B-4 (12-14)	Solid	11/04/19 15:20	11/05/19 08:50
50240510009	Dup1	Solid	11/04/19 08:00	11/05/19 08:50
50240705001	B-5 (0-2)	Solid	11/04/19 16:08	11/06/19 08:50
50240705002	B-5 (12-14)	Solid	11/04/19 16:18	11/06/19 08:50
50240705003	B-6 (0-2)	Solid	11/05/19 08:25	11/06/19 08:50
50240705004	B-6 (16-18)	Solid	11/05/19 08:45	11/06/19 08:50
50240705005	B-7 (4-6)	Solid	11/05/19 09:03	11/06/19 08:50
50240705006	B-7 (24-26)	Solid	11/05/19 09:36	11/06/19 08:50
50240705007	B-8 (2-4)	Solid	11/05/19 09:55	11/06/19 08:50
50240705008	B-8 (20-22)	Solid	11/05/19 10:17	11/06/19 08:50
50240705009	B-9 (2-4)	Solid	11/05/19 11:05	11/06/19 08:50
50240705010	B-9 (20-22)	Solid	11/05/19 11:27	11/06/19 08:50
50240705011	B-10 (0-2)	Solid	11/05/19 11:58	11/06/19 08:50
50240705012	B-10 (2-4)	Solid	11/05/19 12:10	11/06/19 08:50
50240705013	B-11 (0-2)	Solid	11/05/19 12:30	11/06/19 08:50
50240705014	B-11 (24-26)	Solid	11/05/19 13:00	11/06/19 08:50
50240705015	B-12 (0-2)	Solid	11/05/19 13:52	11/06/19 08:50
50240705016	B-12 (28-30)	Solid	11/05/19 14:12	11/06/19 08:50
50240705017	TB 1	Solid	11/05/19 08:00	11/06/19 08:50
50240870001	B-13 (0-2)	Solid	11/05/19 15:30	11/07/19 08:50
50240870002	B-13 (28-30)	Solid	11/05/19 15:45	11/07/19 08:50
50240870003	B-14 (0-2)	Solid	11/05/19 16:10	11/07/19 08:50
50240870004	B-14 (28-30)	Solid	11/05/19 16:25	11/07/19 08:50
50240870005	B-15 (0-2)	Solid	11/06/19 08:13	11/07/19 08:50
50240870006	B-15 (6-8)	Solid	11/06/19 08:25	11/07/19 08:50
50240870007	B-16 (0-2)	Solid	11/06/19 09:00	11/07/19 08:50
50240870008	B-16 (7-9)	Solid	11/06/19 09:10	11/07/19 08:50
50240870009	B-17 (8-10)	Solid	11/06/19 11:20	11/07/19 08:50
50240870010	B-17 (18-20)	Solid	11/06/19 11:50	11/07/19 08:50
50240870011	Trip Blank 2	Solid	11/06/19 07:30	11/07/19 08:50

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(317)228-3100

SAMPLE SUMMARY

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50240870012	DUP 2	Solid	11/06/19 08:00	11/07/19 08:50
50241137001	B18 (2-4)	Solid	11/07/19 10:20	11/08/19 08:45
50241137002	B18 (33-35)	Solid	11/07/19 10:55	11/08/19 08:45
50241137003	B19 (2-4)	Solid	11/07/19 12:55	11/08/19 08:45
50241137004	B19 (6-8)	Solid	11/07/19 14:20	11/08/19 08:45
50241137005	TB3	Solid	11/07/19 09:00	11/08/19 08:45
50241255001	B-20(0-2)	Solid	11/07/19 15:00	11/09/19 09:00
50241255002	B-20(36-38)	Solid	11/07/19 16:00	11/09/19 09:00
50241255003	B-21(2-4)	Solid	11/08/19 07:50	11/09/19 09:00
50241255004	B-21(22-24)	Solid	11/08/19 08:55	11/09/19 09:00
50241255005	B-22(0-2)	Solid	11/08/19 09:41	11/09/19 09:00
50241255006	B-22(8-10)	Solid	11/08/19 10:04	11/09/19 09:00
50241255007	Trip Blank	Solid	11/08/19 07:30	11/09/19 09:00
50241255008	DUP 3	Solid	11/08/19 08:00	11/09/19 09:00
50241255009	DUP 4	Solid	11/08/19 08:00	11/09/19 09:00
50241255010	B-23(0-2)	Solid	11/08/19 10:16	11/09/19 09:00
50241255011	B-23(18-20)	Solid	11/08/19 11:20	11/09/19 09:00
50241255012	B-24(0-2)	Solid	11/08/19 12:30	11/09/19 09:00
50241255013	B-24(24-26)	Solid	11/08/19 12:55	11/09/19 09:00
50241255014	B-25(0-2)	Solid	11/08/19 14:26	11/09/19 09:00
50241255015	B-25(31-33)	Solid	11/08/19 14:46	11/09/19 09:00
50241346001	B-26 (0-2)	Solid	11/11/19 09:30	11/12/19 10:20
50241346002	B-26 (22-24)	Solid	11/11/19 10:15	11/12/19 10:20
50241346003	B-27 (0-2)	Solid	11/11/19 10:40	11/12/19 10:20
50241346004	B-27 (18-20)	Solid	11/11/19 11:20	11/12/19 10:20
50241346005	B-28 (0-2)	Solid	11/11/19 11:56	11/12/19 10:20
50241346006	B-28 (20-22)	Solid	11/11/19 12:30	11/12/19 10:20
50241346007	B-29 (0-2)	Solid	11/11/19 13:00	11/12/19 10:20
50241346008	B-29 (24-26)	Solid	11/11/19 13:30	11/12/19 10:20
50241346009	B-30 (0-2)	Solid	11/11/19 14:00	11/12/19 10:20
50241346010	B-30 (26-28)	Solid	11/11/19 14:37	11/12/19 10:20
50241346011	B-31 (0-2)	Solid	11/11/19 15:01	11/12/19 10:20
50241346012	B-31 (8-10)	Solid	11/11/19 15:34	11/12/19 10:20
50241346013	B-32 (0-2)	Solid	11/11/19 16:00	11/12/19 10:20
50241346014	B-32 (24-26)	Solid	11/11/19 16:40	11/12/19 10:20
50241346015	TB5	Solid	11/11/19 08:50	11/12/19 10:20

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50240510001	**B-1 (0-2)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510002	**B-1 (6-8)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510003	**B-2 (2-4)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510004	**B-2 (12-14)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510005	**B-3 (0-2)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510006	**B-3 (24-26)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510007	**B-4 (2-4)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510008	**B-4 (12-14)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240510009	**Dup1**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	RM1	1	PASI-I
50240705001	**B-5 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705002	**B-5 (12-14)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705003	**B-6 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705004	**B-6 (16-18)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705005	**B-7 (4-6)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705006	**B-7 (24-26)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540G	WZE	1	PASI-I
50240705007	B-8 (2-4)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705008	B-8 (20-22)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705009	B-9 (2-4)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705010	B-9 (20-22)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705011	B-10 (0-2)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705012	B-10 (2-4)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705013	B-11 (0-2)	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705014	B-11 (24-26)	EPA 6010	KJE	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705015	**B-12 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705016	**B-12 (28-30)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240705017	**TB 1**	EPA 8260	LKC	72	PASI-I
50240870001	**B-13 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870002	**B-13 (28-30)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870003	**B-14 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870004	**B-14 (28-30)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870005	**B-15 (0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870006	**B-15 (6-8)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870007	**B-16 (0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870008	**B-16 (7-9)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870009	**B-17 (8-10)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870010	**B-17 (18-20)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50240870011	**Trip Blank 2**	EPA 8260	TMW	72	PASI-I
50240870012	**DUP 2**	EPA 6010	KJE	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WZE	1	PASI-I
50241137001	**B18 (2-4)**	EPA 6010	RAM	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241137002	**B18 (33-35)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241137003	**B19 (2-4)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241137004	**B19 (6-8)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	ILP	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241137005	**TB3**	EPA 8260	CAP	72	PASI-I
50241255001	**B-20(0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255002	**B-20(36-38)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255003	**B-21(2-4)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50241255004	**B-21(22-24)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255005	**B-22(0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255006	**B-22(8-10)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255007	**Trip Blank**	EPA 8260	TMW	72	PASI-I
50241255008	**DUP 3**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255009	**DUP 4**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255010	**B-23(0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255011	**B-23(18-20)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255012	**B-24(0-2)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255013	**B-24(24-26)**	EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255014	**B-25(0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241255015	**B-25(31-33)**	EPA 8082	RID	8	PASI-I
		EPA 6010	KJE	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346001	**B-26 (0-2)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346002	**B-26 (22-24)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346003	**B-27 (0-2)**	EPA 6010	RAM	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346004	**B-27 (18-20)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346005	**B-28 (0-2)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346006	**B-28 (20-22)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346007	**B-29 (0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346008	**B-29 (24-26)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346009	**B-30 (0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50241346010	**B-30 (26-28)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346011	**B-31 (0-2)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346012	**B-31 (8-10)**	EPA 8082	RID	8	PASI-I
		EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346013	**B-32 (0-2)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346014	**B-32 (24-26)**	EPA 6010	RAM	7	PASI-I
		EPA 7471	LBT	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	WDB	1	PASI-I
50241346015	**TB5**	EPA 8260	TMW	72	PASI-I

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240510001	**B-1 (0-2)**					
EPA 6010	Arsenic	24.1	mg/kg	1.1	11/08/19 09:43	
EPA 6010	Barium	84.6	mg/kg	1.1	11/08/19 09:43	
EPA 6010	Chromium	12.2	mg/kg	1.1	11/08/19 09:43	
EPA 6010	Lead	24.6	mg/kg	1.1	11/08/19 09:43	
EPA 6010	Selenium	2.3	mg/kg	1.1	11/08/19 09:43	
EPA 8270 by SIM	Chrysene	0.011	mg/kg	0.0060	11/07/19 23:32	
EPA 8270 by SIM	Fluoranthene	0.024	mg/kg	0.0060	11/07/19 23:32	
EPA 8270 by SIM	1-Methylnaphthalene	0.024	mg/kg	0.0060	11/07/19 23:32	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.027	mg/kg	0.0060	11/07/19 23:32	
EPA 8270 by SIM	Naphthalene	0.058	mg/kg	0.0060	11/07/19 23:32	
EPA 8270 by SIM	Phenanthrene	0.042	mg/kg	0.0060	11/07/19 23:32	
EPA 8270 by SIM	Pyrene	0.015	mg/kg	0.0060	11/07/19 23:32	
SM 2540G	Percent Moisture	18.1	%	0.10	11/10/19 13:13	
50240510002	**B-1 (6-8)**					
EPA 6010	Arsenic	8.0	mg/kg	1.4	11/08/19 09:45	
EPA 6010	Barium	33.2	mg/kg	1.4	11/08/19 09:45	
EPA 6010	Chromium	11.9	mg/kg	1.4	11/08/19 09:45	
EPA 6010	Lead	23.5	mg/kg	1.4	11/08/19 09:45	
EPA 8270 by SIM	Fluoranthene	0.011	mg/kg	0.0070	11/07/19 23:45	
EPA 8270 by SIM	1-Methylnaphthalene	0.012	mg/kg	0.0070	11/07/19 23:45	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.012	mg/kg	0.0070	11/07/19 23:45	
EPA 8270 by SIM	Naphthalene	0.016	mg/kg	0.0070	11/07/19 23:45	
EPA 8270 by SIM	Phenanthrene	0.033	mg/kg	0.0070	11/07/19 23:45	
EPA 8270 by SIM	Pyrene	0.0097	mg/kg	0.0070	11/07/19 23:45	
SM 2540G	Percent Moisture	29.1	%	0.10	11/10/19 13:13	
50240510003	**B-2 (2-4)**					
EPA 6010	Arsenic	9.0	mg/kg	0.97	11/08/19 09:47	
EPA 6010	Barium	69.4	mg/kg	0.97	11/08/19 09:47	
EPA 6010	Chromium	6.3	mg/kg	0.97	11/08/19 09:47	
EPA 6010	Lead	14.2	mg/kg	0.97	11/08/19 09:47	
EPA 8270 by SIM	Fluoranthene	0.032	mg/kg	0.027	11/11/19 14:16	
EPA 8270 by SIM	Phenanthrene	0.063	mg/kg	0.027	11/11/19 14:16	
EPA 8270 by SIM	Pyrene	0.031	mg/kg	0.027	11/11/19 14:16	
SM 2540G	Percent Moisture	7.2	%	0.10	11/10/19 13:13	
50240510004	**B-2 (12-14)**					
EPA 6010	Arsenic	7.8	mg/kg	1.1	11/08/19 09:49	
EPA 6010	Barium	92.6	mg/kg	1.1	11/08/19 09:49	
EPA 6010	Chromium	16.3	mg/kg	1.1	11/08/19 09:49	
EPA 6010	Lead	10.5	mg/kg	1.1	11/08/19 09:49	
SM 2540G	Percent Moisture	21.2	%	0.10	11/10/19 13:13	
50240510005	**B-3 (0-2)**					
EPA 6010	Arsenic	19.0	mg/kg	1.0	11/08/19 09:51	
EPA 6010	Barium	86.5	mg/kg	1.0	11/08/19 09:51	
EPA 6010	Cadmium	3.0	mg/kg	0.51	11/08/19 09:51	
EPA 6010	Chromium	10.6	mg/kg	1.0	11/08/19 09:51	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240510005	**B-3 (0-2)**					
EPA 6010	Lead	1240	mg/kg	1.0	11/08/19 09:51	
EPA 6010	Selenium	2.0	mg/kg	1.0	11/08/19 09:51	
EPA 8270 by SIM	Anthracene	0.030	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Benzo(a)anthracene	0.041	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Benzo(a)pyrene	0.031	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.030	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Chrysene	0.054	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Fluoranthene	0.084	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	1-Methylnaphthalene	0.089	mg/kg	0.030	11/11/19 14:49	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.12	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Naphthalene	0.036	mg/kg	0.030	11/11/19 14:49	ED
EPA 8270 by SIM	Phenanthrene	0.25	mg/kg	0.030	11/11/19 14:49	
EPA 8270 by SIM	Pyrene	0.083	mg/kg	0.030	11/11/19 14:49	
SM 2540G	Percent Moisture	16.7	%	0.10	11/10/19 13:14	
50240510006	**B-3 (24-26)**					
EPA 6010	Arsenic	6.1	mg/kg	1.0	11/08/19 09:57	
EPA 6010	Barium	73.5	mg/kg	1.0	11/08/19 09:57	
EPA 6010	Chromium	12.9	mg/kg	1.0	11/08/19 09:57	
EPA 6010	Lead	9.5	mg/kg	1.0	11/08/19 09:57	
EPA 8270 by SIM	Phenanthrene	0.0077	mg/kg	0.0056	11/11/19 15:05	
SM 2540G	Percent Moisture	12.1	%	0.10	11/10/19 13:14	
50240510007	**B-4 (2-4)**					
EPA 6010	Arsenic	25.0	mg/kg	1.1	11/08/19 10:00	
EPA 6010	Barium	86.3	mg/kg	1.1	11/08/19 10:00	
EPA 6010	Chromium	18.9	mg/kg	1.1	11/08/19 10:00	
EPA 6010	Lead	12.2	mg/kg	1.1	11/08/19 10:00	
EPA 6010	Selenium	7.8	mg/kg	1.1	11/08/19 10:00	
EPA 8270 by SIM	Acenaphthylene	0.020	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Anthracene	0.013	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Benzo(a)anthracene	0.011	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Chrysene	0.013	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Fluoranthene	0.022	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	1-Methylnaphthalene	0.16	mg/kg	0.0064	11/11/19 15:22	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.17	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Naphthalene	0.12	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Phenanthrene	0.12	mg/kg	0.0064	11/11/19 15:22	
EPA 8270 by SIM	Pyrene	0.028	mg/kg	0.0064	11/11/19 15:22	
SM 2540G	Percent Moisture	22.7	%	0.10	11/10/19 13:14	
50240510008	**B-4 (12-14)**					
EPA 6010	Arsenic	7.9	mg/kg	1.1	11/08/19 10:02	
EPA 6010	Barium	77.3	mg/kg	1.1	11/08/19 10:02	
EPA 6010	Chromium	15.3	mg/kg	1.1	11/08/19 10:02	
EPA 6010	Lead	12.1	mg/kg	1.1	11/08/19 10:02	
SM 2540G	Percent Moisture	18.3	%	0.10	11/10/19 13:14	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240510009	**Dup1**					
EPA 6010	Arsenic	6.6	mg/kg	1.1	11/08/19 10:04	
EPA 6010	Barium	85.3	mg/kg	1.1	11/08/19 10:04	
EPA 6010	Chromium	11.2	mg/kg	1.1	11/08/19 10:04	
EPA 6010	Lead	9.1	mg/kg	1.1	11/08/19 10:04	
SM 2540G	Percent Moisture	17.8	%	0.10	11/10/19 13:14	
50240705001	**B-5 (0-2)**					
EPA 6010	Arsenic	7.9	mg/kg	1.2	11/07/19 14:54	
EPA 6010	Barium	93.2	mg/kg	1.2	11/07/19 14:54	
EPA 6010	Cadmium	1.0	mg/kg	0.59	11/07/19 14:54	
EPA 6010	Chromium	21.5	mg/kg	1.2	11/07/19 14:54	
EPA 6010	Lead	34.0	mg/kg	1.2	11/07/19 14:54	
EPA 8270 by SIM	Acenaphthylene	0.0076	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Anthracene	0.0089	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Benzo(a)anthracene	0.040	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Benzo(a)pyrene	0.045	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.046	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.031	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.039	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Chrysene	0.049	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.011	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Fluoranthene	0.065	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	1-Methylnaphthalene	0.035	mg/kg	0.0061	11/11/19 21:53	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.042	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Naphthalene	0.043	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Phenanthrene	0.046	mg/kg	0.0061	11/11/19 21:53	
EPA 8270 by SIM	Pyrene	0.059	mg/kg	0.0061	11/11/19 21:53	
SM 2540G	Percent Moisture	18.9	%	0.10	11/11/19 13:57	
50240705002	**B-5 (12-14)**					
EPA 6010	Arsenic	7.1	mg/kg	1.0	11/07/19 14:56	
EPA 6010	Barium	96.9	mg/kg	1.0	11/07/19 14:56	
EPA 6010	Chromium	15.1	mg/kg	1.0	11/07/19 14:56	
EPA 6010	Lead	10.5	mg/kg	1.0	11/07/19 14:56	
EPA 8270 by SIM	Chrysene	0.039	mg/kg	0.030	11/13/19 14:39	
EPA 8270 by SIM	1-Methylnaphthalene	0.059	mg/kg	0.030	11/13/19 14:39	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.056	mg/kg	0.030	11/13/19 14:39	
SM 2540G	Percent Moisture	16.8	%	0.10	11/11/19 13:57	
50240705003	**B-6 (0-2)**					
EPA 6010	Arsenic	35.2	mg/kg	1.0	11/07/19 14:58	
EPA 6010	Barium	182	mg/kg	1.0	11/07/19 14:58	
EPA 6010	Chromium	11.8	mg/kg	1.0	11/07/19 14:58	
EPA 6010	Lead	75.2	mg/kg	1.0	11/07/19 14:58	
EPA 8270 by SIM	Acenaphthylene	0.042	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Anthracene	0.048	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Benzo(a)anthracene	0.072	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Benzo(a)pyrene	0.047	mg/kg	0.028	11/11/19 22:26	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240705003	**B-6 (0-2)**					
EPA 8270 by SIM	Benzo(b)fluoranthene	0.064	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.049	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.054	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Chrysene	0.12	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Fluoranthene	0.16	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	1-Methylnaphthalene	0.079	mg/kg	0.028	11/11/19 22:26	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.092	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Naphthalene	0.13	mg/kg	0.028	11/11/19 22:26	ED
EPA 8270 by SIM	Phenanthrene	0.26	mg/kg	0.028	11/11/19 22:26	
EPA 8270 by SIM	Pyrene	0.15	mg/kg	0.028	11/11/19 22:26	
SM 2540G	Percent Moisture	12.1	%	0.10	11/11/19 13:57	
50240705004	**B-6 (16-18)**					
EPA 6010	Arsenic	6.8	mg/kg	1.0	11/07/19 15:04	
EPA 6010	Barium	79.1	mg/kg	1.0	11/07/19 15:04	
EPA 6010	Chromium	12.9	mg/kg	1.0	11/07/19 15:04	
EPA 6010	Lead	9.8	mg/kg	1.0	11/07/19 15:04	
SM 2540G	Percent Moisture	17.8	%	0.10	11/11/19 13:57	
50240705005	**B-7 (4-6)**					
EPA 6010	Arsenic	236	mg/kg	1.2	11/07/19 15:06	
EPA 6010	Barium	123	mg/kg	1.2	11/07/19 15:06	
EPA 6010	Chromium	17.9	mg/kg	1.2	11/07/19 15:06	
EPA 6010	Lead	37.9	mg/kg	1.2	11/07/19 15:06	
EPA 6010	Selenium	2.0	mg/kg	1.2	11/07/19 15:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.034	mg/kg	0.034	11/11/19 22:59	
EPA 8270 by SIM	Chrysene	0.052	mg/kg	0.034	11/11/19 22:59	
EPA 8270 by SIM	Fluoranthene	0.071	mg/kg	0.034	11/11/19 22:59	
EPA 8270 by SIM	1-Methylnaphthalene	0.083	mg/kg	0.034	11/11/19 22:59	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.095	mg/kg	0.034	11/11/19 22:59	
EPA 8270 by SIM	Naphthalene	0.058	mg/kg	0.034	11/11/19 22:59	ED
EPA 8270 by SIM	Phenanthrene	0.18	mg/kg	0.034	11/11/19 22:59	
EPA 8270 by SIM	Pyrene	0.064	mg/kg	0.034	11/11/19 22:59	
EPA 8260	Tetrachloroethene	0.038	mg/kg	0.0067	11/08/19 06:04	
SM 2540G	Percent Moisture	27.2	%	0.10	11/11/19 13:57	
50240705006	**B-7 (24-26)**					
EPA 6010	Arsenic	8.3	mg/kg	1.1	11/07/19 15:08	
EPA 6010	Barium	105	mg/kg	1.1	11/07/19 15:08	
EPA 6010	Chromium	16.6	mg/kg	1.1	11/07/19 15:08	
EPA 6010	Lead	11.1	mg/kg	1.1	11/07/19 15:08	
EPA 8260	Tetrachloroethene	0.0061	mg/kg	0.0058	11/08/19 06:37	R1
SM 2540G	Percent Moisture	19.4	%	0.10	11/11/19 13:58	
50240705007	**B-8 (2-4)**					
EPA 6010	Arsenic	16.6	mg/kg	1.1	11/07/19 15:18	
EPA 6010	Barium	147	mg/kg	1.1	11/07/19 15:18	
EPA 6010	Cadmium	0.68	mg/kg	0.56	11/07/19 15:18	
EPA 6010	Chromium	19.6	mg/kg	1.1	11/07/19 15:18	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240705007	**B-8 (2-4)**					
EPA 6010	Lead	104	mg/kg	1.1	11/07/19 15:18	
EPA 8270 by SIM	Acenaphthene	0.16	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Acenaphthylene	0.32	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Anthracene	0.47	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Benzo(a)anthracene	1.9	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Benzo(a)pyrene	2.4	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Benzo(b)fluoranthene	2.7	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1.7	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Benzo(k)fluoranthene	2.2	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Chrysene	2.9	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.51	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Fluoranthene	6.8	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Fluorene	0.16	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1.6	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	1-Methylnaphthalene	0.25	mg/kg	0.033	11/12/19 00:05	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.25	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Naphthalene	0.24	mg/kg	0.033	11/12/19 00:05	ED
EPA 8270 by SIM	Phenanthrene	4.8	mg/kg	0.033	11/12/19 00:05	
EPA 8270 by SIM	Pyrene	5.7	mg/kg	0.033	11/12/19 00:05	
SM 2540G	Percent Moisture	23.6	%	0.10	11/11/19 13:58	
50240705008	**B-8 (20-22)**					
EPA 6010	Arsenic	6.6	mg/kg	1.1	11/07/19 15:21	
EPA 6010	Barium	82.2	mg/kg	1.1	11/07/19 15:21	
EPA 6010	Chromium	13.0	mg/kg	1.1	11/07/19 15:21	
EPA 6010	Lead	9.5	mg/kg	1.1	11/07/19 15:21	
EPA 8270 by SIM	Phenanthrene	0.0079	mg/kg	0.0059	11/12/19 12:34	
SM 2540G	Percent Moisture	16.1	%	0.10	11/11/19 13:58	
50240705009	**B-9 (2-4)**					
EPA 6010	Arsenic	56.2	mg/kg	1.2	11/07/19 15:23	
EPA 6010	Barium	49.4	mg/kg	1.2	11/07/19 15:23	
EPA 6010	Chromium	11.8	mg/kg	1.2	11/07/19 15:23	
EPA 6010	Lead	67.4	mg/kg	1.2	11/07/19 15:23	
EPA 6010	Selenium	4.0	mg/kg	1.2	11/07/19 15:23	
EPA 7471	Mercury	5.0	mg/kg	1.3	11/11/19 12:27	
EPA 8270 by SIM	Acenaphthylene	0.068	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.15	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Benzo(a)pyrene	0.14	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.13	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.12	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.15	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Chrysene	0.16	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Fluoranthene	0.27	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.10	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Phenanthrene	0.11	mg/kg	0.049	11/12/19 18:00	
EPA 8270 by SIM	Pyrene	0.24	mg/kg	0.049	11/12/19 18:00	
SM 2540G	Percent Moisture	23.2	%	0.10	11/11/19 14:41	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240705010	**B-9 (20-22)**					
EPA 6010	Arsenic	4.8	mg/kg	1.1	11/07/19 15:47	
EPA 6010	Barium	82.2	mg/kg	1.1	11/07/19 15:47	
EPA 6010	Chromium	11.8	mg/kg	1.1	11/07/19 15:47	
EPA 6010	Lead	9.1	mg/kg	1.1	11/07/19 15:47	
SM 2540G	Percent Moisture	17.8	%	0.10	11/11/19 14:41	
50240705011	**B-10 (0-2)**					
EPA 6010	Arsenic	7.5	mg/kg	1.1	11/07/19 15:49	
EPA 6010	Barium	366	mg/kg	1.1	11/07/19 15:49	
EPA 6010	Cadmium	2.3	mg/kg	0.56	11/07/19 15:49	
EPA 6010	Chromium	42.3	mg/kg	1.1	11/07/19 15:49	
EPA 6010	Lead	2680	mg/kg	1.1	11/07/19 15:49	
EPA 8270 by SIM	Acenaphthene	0.034	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Anthracene	0.14	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Benzo(a)anthracene	0.41	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Benzo(a)pyrene	0.41	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.43	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.30	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.44	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Chrysene	0.47	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.11	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Fluoranthene	0.96	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Fluorene	0.033	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.27	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Phenanthrene	0.49	mg/kg	0.029	11/12/19 19:06	
EPA 8270 by SIM	Pyrene	0.78	mg/kg	0.029	11/12/19 19:06	
SM 2540G	Percent Moisture	14.1	%	0.10	11/11/19 14:41	
50240705012	**B-10 (2-4)**					
EPA 6010	Arsenic	14.5	mg/kg	1.0	11/07/19 15:51	
EPA 6010	Barium	75.1	mg/kg	1.0	11/07/19 15:51	
EPA 6010	Cadmium	0.74	mg/kg	0.52	11/07/19 15:51	
EPA 6010	Chromium	8.9	mg/kg	1.0	11/07/19 15:51	
EPA 6010	Lead	52.9	mg/kg	1.0	11/07/19 15:51	
EPA 6010	Selenium	1.4	mg/kg	1.0	11/07/19 15:51	
EPA 8270 by SIM	Acenaphthene	0.096	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Acenaphthylene	0.071	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Anthracene	0.20	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Benzo(a)anthracene	0.38	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Benzo(a)pyrene	0.19	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.19	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.20	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.18	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Chrysene	0.58	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.079	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Fluoranthene	0.61	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Fluorene	0.10	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.10	mg/kg	0.029	11/12/19 19:22	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240705012	**B-10 (2-4)**					
EPA 8270 by SIM	1-Methylnaphthalene	0.68	mg/kg	0.029	11/12/19 19:22	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.79	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Naphthalene	0.38	mg/kg	0.029	11/12/19 19:22	ED
EPA 8270 by SIM	Phenanthrene	1.6	mg/kg	0.029	11/12/19 19:22	
EPA 8270 by SIM	Pyrene	1.3	mg/kg	0.029	11/12/19 19:22	
SM 2540G	Percent Moisture	14.4	%	0.10	11/11/19 14:42	
50240705013	**B-11 (0-2)**					
EPA 6010	Arsenic	10.4	mg/kg	1.2	11/07/19 15:53	
EPA 6010	Barium	190	mg/kg	1.2	11/07/19 15:53	
EPA 6010	Cadmium	0.88	mg/kg	0.59	11/07/19 15:53	
EPA 6010	Chromium	21.0	mg/kg	1.2	11/07/19 15:53	
EPA 6010	Lead	46.4	mg/kg	1.2	11/07/19 15:53	
EPA 8270 by SIM	Benzo(a)anthracene	0.061	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Benzo(a)pyrene	0.059	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.055	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.058	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.058	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Chrysene	0.077	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Fluoranthene	0.11	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.034	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	1-Methylnaphthalene	0.069	mg/kg	0.031	11/12/19 19:38	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.092	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Naphthalene	0.051	mg/kg	0.031	11/12/19 19:38	ED
EPA 8270 by SIM	Phenanthrene	0.15	mg/kg	0.031	11/12/19 19:38	
EPA 8270 by SIM	Pyrene	0.12	mg/kg	0.031	11/12/19 19:38	
SM 2540G	Percent Moisture	19.8	%	0.10	11/11/19 14:42	
50240705014	**B-11 (24-26)**					
EPA 6010	Arsenic	11.0	mg/kg	1.2	11/07/19 15:55	
EPA 6010	Barium	108	mg/kg	1.2	11/07/19 15:55	
EPA 6010	Chromium	14.1	mg/kg	1.2	11/07/19 15:55	
EPA 6010	Lead	32.1	mg/kg	1.2	11/07/19 15:55	
EPA 8270 by SIM	Anthracene	0.033	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Benzo(a)anthracene	0.075	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Benzo(a)pyrene	0.053	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.042	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.028	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.042	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Chrysene	0.073	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.012	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Fluoranthene	0.11	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Fluorene	0.0097	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.020	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	1-Methylnaphthalene	0.013	mg/kg	0.0062	11/12/19 19:55	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.018	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Naphthalene	0.0097	mg/kg	0.0062	11/12/19 19:55	
EPA 8270 by SIM	Phenanthrene	0.11	mg/kg	0.0062	11/12/19 19:55	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240705014	**B-11 (24-26)**					
EPA 8270 by SIM	Pyrene	0.11	mg/kg	0.0062	11/12/19 19:55	
SM 2540G	Percent Moisture	20.2	%	0.10	11/11/19 14:42	
50240705015	**B-12 (0-2)**					
EPA 6010	Arsenic	19.7	mg/kg	1.1	11/07/19 15:57	
EPA 6010	Barium	161	mg/kg	1.1	11/07/19 15:57	
EPA 6010	Cadmium	0.76	mg/kg	0.53	11/07/19 15:57	
EPA 6010	Chromium	25.2	mg/kg	1.1	11/07/19 15:57	
EPA 6010	Lead	96.8	mg/kg	1.1	11/07/19 15:57	
EPA 7471	Mercury	0.28	mg/kg	0.24	11/11/19 12:02	
EPA 8270 by SIM	Benzo(a)anthracene	0.078	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Benzo(a)pyrene	0.059	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.064	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.047	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.056	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Chrysene	0.11	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Fluoranthene	0.13	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.033	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	1-Methylnaphthalene	0.076	mg/kg	0.029	11/12/19 20:11	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.092	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Naphthalene	0.036	mg/kg	0.029	11/12/19 20:11	ED
EPA 8270 by SIM	Phenanthrene	0.21	mg/kg	0.029	11/12/19 20:11	
EPA 8270 by SIM	Pyrene	0.15	mg/kg	0.029	11/12/19 20:11	
EPA 8260	Carbon disulfide	0.012	mg/kg	0.012	11/08/19 16:07	
SM 2540G	Percent Moisture	16.1	%	0.10	11/11/19 14:42	
50240705016	**B-12 (28-30)**					
EPA 6010	Arsenic	8.3	mg/kg	0.92	11/07/19 15:59	
EPA 6010	Barium	125	mg/kg	0.92	11/07/19 15:59	
EPA 6010	Chromium	7.7	mg/kg	0.92	11/07/19 15:59	
EPA 6010	Lead	3.0	mg/kg	0.92	11/07/19 15:59	
EPA 8270 by SIM	Phenanthrene	0.0066	mg/kg	0.0052	11/12/19 20:28	
SM 2540G	Percent Moisture	4.5	%	0.10	11/11/19 14:42	
50240870001	**B-13 (0-2)**					
EPA 6010	Arsenic	10.8	mg/kg	1.0	11/11/19 15:04	
EPA 6010	Barium	61.3	mg/kg	1.0	11/11/19 15:04	
EPA 6010	Chromium	12.2	mg/kg	1.0	11/11/19 15:04	
EPA 6010	Lead	10.4	mg/kg	1.0	11/11/19 15:04	
EPA 8270 by SIM	2-Methylnaphthalene	0.0066	mg/kg	0.0059	11/12/19 21:50	
EPA 8270 by SIM	Phenanthrene	0.017	mg/kg	0.0059	11/12/19 21:50	
SM 2540G	Percent Moisture	16.8	%	0.10	11/12/19 10:54	
50240870002	**B-13 (28-30)**					
EPA 6010	Arsenic	9.2	mg/kg	0.91	11/11/19 15:07	
EPA 6010	Barium	88.8	mg/kg	0.91	11/11/19 15:07	
EPA 6010	Chromium	6.1	mg/kg	0.91	11/11/19 15:07	
EPA 6010	Lead	3.3	mg/kg	0.91	11/11/19 15:07	
EPA 8270 by SIM	Acenaphthene	0.0080	mg/kg	0.0053	11/12/19 22:07	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240870002	**B-13 (28-30)**					
EPA 8270 by SIM	Anthracene	0.020	mg/kg	0.0053	11/12/19 22:07	
EPA 8270 by SIM	Fluoranthene	0.0065	mg/kg	0.0053	11/12/19 22:07	
EPA 8270 by SIM	Fluorene	0.014	mg/kg	0.0053	11/12/19 22:07	
EPA 8270 by SIM	1-Methylnaphthalene	0.0068	mg/kg	0.0053	11/12/19 22:07	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.019	mg/kg	0.0053	11/12/19 22:07	
EPA 8270 by SIM	Naphthalene	0.036	mg/kg	0.0053	11/12/19 22:07	
EPA 8270 by SIM	Phenanthrene	0.025	mg/kg	0.0053	11/12/19 22:07	
SM 2540G	Percent Moisture	6.3	%	0.10	11/12/19 10:54	
50240870003	**B-14 (0-2)**					
EPA 6010	Arsenic	11.0	mg/kg	0.98	11/11/19 15:09	
EPA 6010	Barium	67.3	mg/kg	0.98	11/11/19 15:09	
EPA 6010	Chromium	10.4	mg/kg	0.98	11/11/19 15:09	
EPA 6010	Lead	10.9	mg/kg	0.98	11/11/19 15:09	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0059	mg/kg	0.0054	11/13/19 15:12	
EPA 8270 by SIM	Chrysene	0.0060	mg/kg	0.0054	11/13/19 15:12	
EPA 8270 by SIM	Fluoranthene	0.0060	mg/kg	0.0054	11/13/19 15:12	
EPA 8270 by SIM	Phenanthrene	0.016	mg/kg	0.0054	11/13/19 15:12	
EPA 8270 by SIM	Pyrene	0.0067	mg/kg	0.0054	11/13/19 15:12	
SM 2540G	Percent Moisture	9.5	%	0.10	11/12/19 10:55	
50240870004	**B-14 (28-30)**					
EPA 6010	Arsenic	6.6	mg/kg	1.0	11/11/19 15:11	
EPA 6010	Barium	80.2	mg/kg	1.0	11/11/19 15:11	
EPA 6010	Cadmium	0.56	mg/kg	0.52	11/11/19 15:11	
EPA 6010	Chromium	13.2	mg/kg	1.0	11/11/19 15:11	
EPA 6010	Lead	9.4	mg/kg	1.0	11/11/19 15:11	
SM 2540G	Percent Moisture	17.0	%	0.10	11/12/19 10:55	
50240870005	**B-15 (0-2)**					
EPA 6010	Arsenic	9.9	mg/kg	1.1	11/11/19 15:13	
EPA 6010	Barium	108	mg/kg	1.1	11/11/19 15:13	
EPA 6010	Chromium	12.5	mg/kg	1.1	11/11/19 15:13	
EPA 6010	Lead	3.4	mg/kg	1.1	11/11/19 15:13	
SM 2540G	Percent Moisture	16.7	%	0.10	11/12/19 10:55	
50240870006	**B-15 (6-8)**					
EPA 6010	Arsenic	18.6	mg/kg	1.2	11/11/19 15:15	
EPA 6010	Barium	38.1	mg/kg	1.2	11/11/19 15:15	
EPA 6010	Chromium	16.1	mg/kg	1.2	11/11/19 15:15	
EPA 6010	Lead	9.5	mg/kg	1.2	11/11/19 15:15	
SM 2540G	Percent Moisture	25.0	%	0.10	11/12/19 10:55	
50240870007	**B-16 (0-2)**					
EPA 6010	Arsenic	8.5	mg/kg	1.1	11/11/19 15:17	
EPA 6010	Barium	85.3	mg/kg	1.1	11/11/19 15:17	
EPA 6010	Chromium	14.3	mg/kg	1.1	11/11/19 15:17	
EPA 6010	Lead	7.5	mg/kg	1.1	11/11/19 15:17	
EPA 8270 by SIM	Fluoranthene	0.0083	mg/kg	0.0059	11/12/19 23:29	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50240870007	**B-16 (0-2)**					
EPA 8270 by SIM	Pyrene	0.0067	mg/kg	0.0059	11/12/19 23:29	
SM 2540G	Percent Moisture	16.2	%	0.10	11/12/19 11:55	
50240870008	**B-16 (7-9)**					
EPA 6010	Arsenic	18.4	mg/kg	1.2	11/11/19 15:20	
EPA 6010	Barium	66.7	mg/kg	1.2	11/11/19 15:20	
EPA 6010	Chromium	9.7	mg/kg	1.2	11/11/19 15:20	
EPA 6010	Lead	24.6	mg/kg	1.2	11/11/19 15:20	
SM 2540G	Percent Moisture	18.3	%	0.10	11/12/19 11:55	
50240870009	**B-17 (8-10)**					
EPA 6010	Arsenic	16.0	mg/kg	1.2	11/11/19 15:22	
EPA 6010	Barium	87.0	mg/kg	1.2	11/11/19 15:22	
EPA 6010	Chromium	11.1	mg/kg	1.2	11/11/19 15:22	
EPA 6010	Lead	26.3	mg/kg	1.2	11/11/19 15:22	
EPA 8270 by SIM	Acenaphthene	0.10	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Anthracene	0.079	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Benzo(a)anthracene	0.039	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Benzo(a)pyrene	0.016	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.012	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Chrysene	0.051	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Fluoranthene	0.077	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Fluorene	0.11	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	1-Methylnaphthalene	0.10	mg/kg	0.0066	11/18/19 17:52	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.12	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Naphthalene	0.036	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Phenanthrene	0.21	mg/kg	0.0066	11/18/19 17:52	
EPA 8270 by SIM	Pyrene	0.095	mg/kg	0.0066	11/18/19 17:52	
SM 2540G	Percent Moisture	24.8	%	0.10	11/12/19 11:56	
50240870010	**B-17 (18-20)**					
EPA 6010	Arsenic	8.0	mg/kg	1.2	11/11/19 15:28	
EPA 6010	Barium	45.2	mg/kg	1.2	11/11/19 15:28	
EPA 6010	Chromium	16.6	mg/kg	1.2	11/11/19 15:28	
EPA 6010	Lead	11.7	mg/kg	1.2	11/11/19 15:28	
SM 2540G	Percent Moisture	21.4	%	0.10	11/12/19 11:56	
50240870012	**DUP 2**					
EPA 6010	Arsenic	10.5	mg/kg	1.1	11/11/19 15:41	
EPA 6010	Barium	83.3	mg/kg	1.1	11/11/19 15:41	
EPA 6010	Chromium	14.7	mg/kg	1.1	11/11/19 15:41	
EPA 6010	Lead	7.0	mg/kg	1.1	11/11/19 15:41	
SM 2540G	Percent Moisture	16.1	%	0.10	11/12/19 11:57	
50241137001	**B18 (2-4)**					
EPA 6010	Arsenic	23.2	mg/kg	1.0	11/13/19 12:22	
EPA 6010	Barium	51.9	mg/kg	1.0	11/13/19 12:22	
EPA 6010	Chromium	10.1	mg/kg	1.0	11/13/19 12:22	
EPA 6010	Lead	16.8	mg/kg	1.0	11/13/19 12:22	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241137001	**B18 (2-4)**					
EPA 6010	Selenium	1.6	mg/kg	1.0	11/13/19 12:22	
EPA 8270 by SIM	Chrysene	0.043	mg/kg	0.030	11/14/19 23:26	
EPA 8270 by SIM	Fluoranthene	0.070	mg/kg	0.030	11/14/19 23:26	
EPA 8270 by SIM	1-Methylnaphthalene	0.044	mg/kg	0.030	11/14/19 23:26	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.057	mg/kg	0.030	11/14/19 23:26	
EPA 8270 by SIM	Naphthalene	0.12	mg/kg	0.030	11/14/19 23:26	
EPA 8270 by SIM	Phenanthrene	0.15	mg/kg	0.030	11/14/19 23:26	
EPA 8270 by SIM	Pyrene	0.063	mg/kg	0.030	11/14/19 23:26	
SM 2540G	Percent Moisture	17.7	%	0.10	11/16/19 09:35	
50241137002	**B18 (33-35)**					
EPA 6010	Arsenic	4.7	mg/kg	0.94	11/13/19 12:24	
EPA 6010	Barium	150	mg/kg	0.94	11/13/19 12:24	
EPA 6010	Chromium	6.3	mg/kg	0.94	11/13/19 12:24	
EPA 6010	Lead	2.3	mg/kg	0.94	11/13/19 12:24	
EPA 8270 by SIM	Acenaphthene	0.010	mg/kg	0.0054	11/15/19 13:03	
SM 2540G	Percent Moisture	8.2	%	0.10	11/16/19 09:35	
50241137003	**B19 (2-4)**					
EPA 6010	Arsenic	7.9	mg/kg	1.2	11/13/19 12:26	
EPA 6010	Barium	113	mg/kg	1.2	11/13/19 12:26	
EPA 6010	Chromium	14.5	mg/kg	1.2	11/13/19 12:26	
EPA 6010	Lead	19.7	mg/kg	1.2	11/13/19 12:26	
EPA 8270 by SIM	Benzo(a)anthracene	0.017	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Benzo(a)pyrene	0.017	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.018	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.015	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.017	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Chrysene	0.024	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Fluoranthene	0.026	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.011	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	1-Methylnaphthalene	0.025	mg/kg	0.0062	11/15/19 13:20	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.028	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Naphthalene	0.020	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Phenanthrene	0.029	mg/kg	0.0062	11/15/19 13:20	
EPA 8270 by SIM	Pyrene	0.027	mg/kg	0.0062	11/15/19 13:20	
SM 2540G	Percent Moisture	19.7	%	0.10	11/16/19 09:35	
50241137004	**B19 (6-8)**					
EPA 6010	Arsenic	9.1	mg/kg	1.2	11/13/19 12:28	
EPA 6010	Barium	189	mg/kg	1.2	11/13/19 12:28	
EPA 6010	Chromium	18.5	mg/kg	1.2	11/13/19 12:28	
EPA 6010	Lead	14.5	mg/kg	1.2	11/13/19 12:28	
EPA 8270 by SIM	Benzo(a)anthracene	0.0081	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Benzo(a)pyrene	0.0085	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.0064	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0068	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Chrysene	0.010	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Fluoranthene	0.0089	mg/kg	0.0063	11/15/19 13:36	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241137004	**B19 (6-8)**					
EPA 8270 by SIM	1-Methylnaphthalene	0.020	mg/kg	0.0063	11/15/19 13:36	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.019	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Naphthalene	0.011	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Phenanthrene	0.016	mg/kg	0.0063	11/15/19 13:36	
EPA 8270 by SIM	Pyrene	0.0088	mg/kg	0.0063	11/15/19 13:36	
SM 2540G	Percent Moisture	21.9	%	0.10	11/16/19 09:35	
50241255001	**B-20(0-2)**					
EPA 6010	Arsenic	14.4	mg/kg	1.1	11/15/19 12:20	
EPA 6010	Barium	100	mg/kg	1.1	11/15/19 12:20	
EPA 6010	Chromium	9.9	mg/kg	1.1	11/15/19 12:20	
EPA 6010	Lead	54.1	mg/kg	1.1	11/15/19 12:20	
EPA 8270 by SIM	Phenanthrene	0.15	mg/kg	0.12	11/18/19 18:08	
SM 2540G	Percent Moisture	14.2	%	0.10	11/16/19 09:35	
50241255002	**B-20(36-38)**					
EPA 6010	Arsenic	2.9	mg/kg	1.3	11/15/19 12:23	
EPA 6010	Barium	96.5	mg/kg	1.3	11/15/19 12:23	
EPA 6010	Chromium	14.2	mg/kg	1.3	11/15/19 12:23	
EPA 6010	Lead	9.8	mg/kg	1.3	11/15/19 12:23	
SM 2540G	Percent Moisture	25.9	%	0.10	11/16/19 09:35	
50241255003	**B-21(2-4)**					
EPA 6010	Arsenic	19.2	mg/kg	1.1	11/15/19 12:29	
EPA 6010	Barium	58.8	mg/kg	1.1	11/15/19 12:29	
EPA 6010	Chromium	11.2	mg/kg	1.1	11/15/19 12:29	
EPA 6010	Lead	633	mg/kg	1.1	11/15/19 12:29	
EPA 8270 by SIM	Anthracene	0.050	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Benzo(a)anthracene	0.079	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Benzo(a)pyrene	0.044	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.044	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.043	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.049	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Chrysene	0.12	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Fluoranthene	0.19	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	1-Methylnaphthalene	0.18	mg/kg	0.030	11/18/19 18:41	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.22	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Naphthalene	0.10	mg/kg	0.030	11/18/19 18:41	ED
EPA 8270 by SIM	Phenanthrene	0.68	mg/kg	0.030	11/18/19 18:41	
EPA 8270 by SIM	Pyrene	0.17	mg/kg	0.030	11/18/19 18:41	
SM 2540G	Percent Moisture	18.6	%	0.10	11/16/19 09:35	
50241255004	**B-21(22-24)**					
EPA 6010	Arsenic	5.7	mg/kg	1.1	11/15/19 12:31	
EPA 6010	Barium	151	mg/kg	1.1	11/15/19 12:31	
EPA 6010	Chromium	17.1	mg/kg	1.1	11/15/19 12:31	
EPA 6010	Lead	7.8	mg/kg	1.1	11/15/19 12:31	
SM 2540G	Percent Moisture	19.5	%	0.10	11/16/19 09:36	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241255005	**B-22(0-2)**					
EPA 6010	Arsenic	7.9	mg/kg	1.1	11/15/19 12:42	
EPA 6010	Barium	219	mg/kg	1.1	11/15/19 12:42	
EPA 6010	Chromium	23.5	mg/kg	1.1	11/15/19 12:42	
EPA 6010	Lead	28.4	mg/kg	1.1	11/15/19 12:42	
EPA 8270 by SIM	Fluoranthene	0.081	mg/kg	0.056	11/18/19 19:17	
EPA 8270 by SIM	2-Methylnaphthalene	0.066	mg/kg	0.056	11/18/19 19:17	
EPA 8270 by SIM	Phenanthrene	0.11	mg/kg	0.056	11/18/19 19:17	
EPA 8270 by SIM	Pyrene	0.065	mg/kg	0.056	11/18/19 19:17	
SM 2540G	Percent Moisture	10.9	%	0.10	11/16/19 09:36	
50241255006	**B-22(8-10)**					
EPA 6010	Arsenic	13.3	mg/kg	1.1	11/15/19 12:45	
EPA 6010	Barium	86.7	mg/kg	1.1	11/15/19 12:45	
EPA 6010	Chromium	9.3	mg/kg	1.1	11/15/19 12:45	
EPA 6010	Lead	8.0	mg/kg	1.1	11/15/19 12:45	
EPA 8260	2-Butanone (MEK)	0.028	mg/kg	0.026	11/18/19 07:48	
SM 2540G	Percent Moisture	19.0	%	0.10	11/16/19 09:36	
50241255008	**DUP 3**					
EPA 6010	Arsenic	21.3	mg/kg	1.0	11/15/19 12:47	
EPA 6010	Barium	138	mg/kg	1.0	11/15/19 12:47	
EPA 6010	Cadmium	0.73	mg/kg	0.51	11/15/19 12:47	
EPA 6010	Chromium	15.5	mg/kg	1.0	11/15/19 12:47	
EPA 6010	Lead	98.7	mg/kg	1.0	11/15/19 12:47	
EPA 8270 by SIM	Chrysene	0.062	mg/kg	0.057	11/19/19 12:58	
EPA 8270 by SIM	Fluoranthene	0.061	mg/kg	0.057	11/19/19 12:58	
EPA 8270 by SIM	2-Methylnaphthalene	0.061	mg/kg	0.057	11/19/19 12:58	
EPA 8270 by SIM	Phenanthrene	0.10	mg/kg	0.057	11/19/19 12:58	
EPA 8270 by SIM	Pyrene	0.074	mg/kg	0.057	11/19/19 12:58	
SM 2540G	Percent Moisture	13.7	%	0.10	11/16/19 09:36	
50241255009	**DUP 4**					
EPA 6010	Arsenic	7.5	mg/kg	1.1	11/15/19 12:49	
EPA 6010	Barium	215	mg/kg	1.1	11/15/19 12:49	
EPA 6010	Chromium	20.6	mg/kg	1.1	11/15/19 12:49	
EPA 6010	Lead	26.3	mg/kg	1.1	11/15/19 12:49	
EPA 8270 by SIM	1-Methylnaphthalene	0.062	mg/kg	0.056	11/19/19 10:03	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.091	mg/kg	0.056	11/19/19 10:03	
EPA 8270 by SIM	Naphthalene	0.072	mg/kg	0.056	11/19/19 10:03	ED
EPA 8270 by SIM	Phenanthrene	0.11	mg/kg	0.056	11/19/19 10:03	
SM 2540G	Percent Moisture	11.9	%	0.10	11/16/19 09:36	
50241255010	**B-23(0-2)**					
EPA 6010	Arsenic	3.1	mg/kg	0.99	11/15/19 12:56	
EPA 6010	Barium	336	mg/kg	0.99	11/15/19 12:56	
EPA 6010	Chromium	17.8	mg/kg	0.99	11/15/19 12:56	
EPA 6010	Lead	9.3	mg/kg	0.99	11/15/19 12:56	
EPA 8270 by SIM	Benzo(a)pyrene	0.0062	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.0082	mg/kg	0.0052	11/19/19 13:12	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241255010	**B-23(0-2)**					
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.013	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0054	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Chrysene	0.0076	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Fluoranthene	0.013	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	1-Methylnaphthalene	0.010	mg/kg	0.0052	11/19/19 13:12	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.012	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Naphthalene	0.0068	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Phenanthrene	0.021	mg/kg	0.0052	11/19/19 13:12	
EPA 8270 by SIM	Pyrene	0.010	mg/kg	0.0052	11/19/19 13:12	
SM 2540G	Percent Moisture	4.7	%	0.10	11/16/19 09:36	
50241255011	**B-23(18-20)**					
EPA 6010	Arsenic	5.4	mg/kg	0.90	11/15/19 12:58	
EPA 6010	Barium	13.6	mg/kg	0.90	11/15/19 12:58	
EPA 6010	Chromium	4.5	mg/kg	0.90	11/15/19 12:58	
EPA 6010	Lead	4.4	mg/kg	0.90	11/15/19 12:58	
EPA 8270 by SIM	Acenaphthene	0.12	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	Chrysene	0.036	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	Fluoranthene	0.030	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	Fluorene	0.25	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	1-Methylnaphthalene	0.87	mg/kg	0.0054	11/19/19 09:39	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.029	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	Phenanthrene	0.48	mg/kg	0.0054	11/19/19 09:39	
EPA 8270 by SIM	Pyrene	0.034	mg/kg	0.0054	11/19/19 09:39	
EPA 8260	n-Butylbenzene	0.38	mg/kg	0.27	11/19/19 00:09	
EPA 8260	sec-Butylbenzene	0.82	mg/kg	0.27	11/19/19 00:09	
EPA 8260	n-Propylbenzene	0.27	mg/kg	0.27	11/19/19 00:09	
SM 2540G	Percent Moisture	6.9	%	0.10	11/16/19 09:37	
50241255012	**B-24(0-2)**					
EPA 6010	Arsenic	8.6	mg/kg	1.1	11/15/19 13:00	
EPA 6010	Barium	162	mg/kg	1.1	11/15/19 13:00	
EPA 6010	Chromium	15.7	mg/kg	1.1	11/15/19 13:00	
EPA 6010	Lead	40.7	mg/kg	1.1	11/15/19 13:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.013	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Benzo(a)pyrene	0.014	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.018	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.011	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.011	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Chrysene	0.014	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Fluoranthene	0.019	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0076	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	1-Methylnaphthalene	0.012	mg/kg	0.0060	11/19/19 13:25	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.014	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Naphthalene	0.0090	mg/kg	0.0060	11/19/19 13:25	R1
EPA 8270 by SIM	Phenanthrene	0.019	mg/kg	0.0060	11/19/19 13:25	
EPA 8270 by SIM	Pyrene	0.019	mg/kg	0.0060	11/19/19 13:25	
SM 2540G	Percent Moisture	17.2	%	0.10	11/16/19 09:37	

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7726 Moller Road
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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241255013	**B-24(24-26)**					
EPA 6010	Arsenic	3.9	mg/kg	0.96	11/15/19 13:07	
EPA 6010	Barium	33.3	mg/kg	0.96	11/15/19 13:07	
EPA 6010	Chromium	13.0	mg/kg	0.96	11/15/19 13:07	
EPA 6010	Lead	3.7	mg/kg	0.96	11/15/19 13:07	
EPA 8270 by SIM	Phenanthrene	0.0082	mg/kg	0.0053	11/19/19 10:45	
SM 2540G	Percent Moisture	5.6	%	0.10	11/16/19 09:37	
50241255014	**B-25(0-2)**					
EPA 6010	Arsenic	3.6	mg/kg	0.95	11/15/19 13:09	
EPA 6010	Barium	28.2	mg/kg	0.95	11/15/19 13:09	
EPA 6010	Chromium	12.3	mg/kg	0.95	11/15/19 13:09	
EPA 6010	Lead	7.5	mg/kg	0.95	11/15/19 13:09	
EPA 8270 by SIM	Benzo(a)anthracene	0.0072	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Benzo(a)pyrene	0.0055	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0066	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0055	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Chrysene	0.0097	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Fluoranthene	0.013	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	1-Methylnaphthalene	0.018	mg/kg	0.0054	11/19/19 11:01	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.021	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Naphthalene	0.010	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Phenanthrene	0.040	mg/kg	0.0054	11/19/19 11:01	
EPA 8270 by SIM	Pyrene	0.015	mg/kg	0.0054	11/19/19 11:01	
SM 2540G	Percent Moisture	8.8	%	0.10	11/16/19 09:37	
50241255015	**B-25(31-33)**					
EPA 6010	Arsenic	6.7	mg/kg	0.98	11/15/19 13:11	
EPA 6010	Barium	86.3	mg/kg	0.98	11/15/19 13:11	
EPA 6010	Chromium	14.9	mg/kg	0.98	11/15/19 13:11	
EPA 6010	Lead	7.3	mg/kg	0.98	11/15/19 13:11	
SM 2540G	Percent Moisture	12.3	%	0.10	11/16/19 09:37	
50241346001	**B-26 (0-2)**					
EPA 6010	Arsenic	31.5	mg/kg	1.2	11/14/19 13:30	
EPA 6010	Barium	100	mg/kg	1.2	11/14/19 13:30	
EPA 6010	Chromium	11.1	mg/kg	1.2	11/14/19 13:30	
EPA 6010	Lead	47.0	mg/kg	1.2	11/14/19 13:30	
EPA 6010	Selenium	2.3	mg/kg	1.2	11/14/19 13:30	
EPA 8270 by SIM	Anthracene	0.080	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Benzo(a)anthracene	0.13	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Benzo(a)pyrene	0.083	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.080	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.068	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.090	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Chrysene	0.17	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Fluoranthene	0.24	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.039	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	1-Methylnaphthalene	0.41	mg/kg	0.030	11/19/19 11:34	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.45	mg/kg	0.030	11/19/19 11:34	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241346001	**B-26 (0-2)**					
EPA 8270 by SIM	Naphthalene	0.13	mg/kg	0.030	11/19/19 11:34	ED
EPA 8270 by SIM	Phenanthrene	0.86	mg/kg	0.030	11/19/19 11:34	
EPA 8270 by SIM	Pyrene	0.25	mg/kg	0.030	11/19/19 11:34	
SM 2540G	Percent Moisture	17.0	%	0.10	11/16/19 09:37	
50241346002	**B-26 (22-24)**					
EPA 6010	Arsenic	8.4	mg/kg	1.1	11/14/19 13:45	
EPA 6010	Barium	182	mg/kg	1.1	11/14/19 13:45	
EPA 6010	Chromium	17.0	mg/kg	1.1	11/14/19 13:45	
EPA 6010	Lead	10.3	mg/kg	1.1	11/14/19 13:45	
SM 2540G	Percent Moisture	19.7	%	0.10	11/16/19 09:56	
50241346003	**B-27 (0-2)**					
EPA 6010	Arsenic	14.2	mg/kg	1.1	11/14/19 13:48	
EPA 6010	Barium	105	mg/kg	1.1	11/14/19 13:48	
EPA 6010	Chromium	14.0	mg/kg	1.1	11/14/19 13:48	
EPA 6010	Lead	18.8	mg/kg	1.1	11/14/19 13:48	
EPA 8270 by SIM	Acenaphthylene	0.0073	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Anthracene	0.019	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Benzo(a)anthracene	0.054	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Benzo(a)pyrene	0.050	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.054	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.040	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.055	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Chrysene	0.072	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.013	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Fluoranthene	0.11	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.031	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	1-Methylnaphthalene	0.017	mg/kg	0.0057	11/19/19 12:07	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.021	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Naphthalene	0.0094	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Phenanthrene	0.098	mg/kg	0.0057	11/19/19 12:07	
EPA 8270 by SIM	Pyrene	0.10	mg/kg	0.0057	11/19/19 12:07	
SM 2540G	Percent Moisture	12.5	%	0.10	11/16/19 09:56	
50241346004	**B-27 (18-20)**					
EPA 6010	Arsenic	7.7	mg/kg	1.1	11/14/19 13:50	
EPA 6010	Barium	113	mg/kg	1.1	11/14/19 13:50	
EPA 6010	Chromium	15.7	mg/kg	1.1	11/14/19 13:50	
EPA 6010	Lead	11.5	mg/kg	1.1	11/14/19 13:50	
SM 2540G	Percent Moisture	20.0	%	0.10	11/16/19 09:56	
50241346005	**B-28 (0-2)**					
EPA 6010	Arsenic	11.4	mg/kg	1.0	11/14/19 13:55	
EPA 6010	Barium	180	mg/kg	1.0	11/14/19 13:55	
EPA 6010	Chromium	16.9	mg/kg	1.0	11/14/19 13:55	
EPA 6010	Lead	34.0	mg/kg	1.0	11/14/19 13:55	
EPA 8270 by SIM	Benzo(a)anthracene	0.065	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Benzo(a)pyrene	0.060	mg/kg	0.027	11/19/19 12:40	

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SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241346005	**B-28 (0-2)**					
EPA 8270 by SIM	Benzo(b)fluoranthene	0.053	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.083	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.063	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Chrysene	0.091	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Fluoranthene	0.11	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.039	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	1-Methylnaphthalene	0.035	mg/kg	0.027	11/19/19 12:40	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.040	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Phenanthrene	0.15	mg/kg	0.027	11/19/19 12:40	
EPA 8270 by SIM	Pyrene	0.13	mg/kg	0.027	11/19/19 12:40	
SM 2540G	Percent Moisture	7.1	%	0.10	11/16/19 09:56	
50241346006	**B-28 (20-22)**					
EPA 6010	Arsenic	9.1	mg/kg	1.1	11/14/19 13:57	
EPA 6010	Barium	105	mg/kg	1.1	11/14/19 13:57	
EPA 6010	Chromium	19.0	mg/kg	1.1	11/14/19 13:57	
EPA 6010	Lead	12.6	mg/kg	1.1	11/14/19 13:57	
SM 2540G	Percent Moisture	17.0	%	0.10	11/16/19 09:57	
50241346007	**B-29 (0-2)**					
EPA 6010	Arsenic	20.1	mg/kg	1.1	11/14/19 14:00	
EPA 6010	Barium	98.7	mg/kg	1.1	11/14/19 14:00	
EPA 6010	Cadmium	1.2	mg/kg	0.56	11/14/19 14:00	
EPA 6010	Chromium	13.9	mg/kg	1.1	11/14/19 14:00	
EPA 6010	Lead	57.4	mg/kg	1.1	11/14/19 14:00	
EPA 6010	Selenium	2.1	mg/kg	1.1	11/14/19 14:00	
EPA 8270 by SIM	Acenaphthylene	0.047	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Anthracene	0.095	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Benzo(a)anthracene	0.24	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Benzo(a)pyrene	0.16	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.17	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.091	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.14	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Chrysene	0.26	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.033	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Fluoranthene	0.55	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Fluorene	0.084	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.070	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	1-Methylnaphthalene	0.60	mg/kg	0.030	11/19/19 10:43	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.73	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Naphthalene	0.25	mg/kg	0.030	11/19/19 10:43	ED
EPA 8270 by SIM	Phenanthrene	1.7	mg/kg	0.030	11/19/19 10:43	
EPA 8270 by SIM	Pyrene	0.50	mg/kg	0.030	11/19/19 10:43	
EPA 8260	1,1,1-Trichloroethane	0.026	mg/kg	0.0059	11/19/19 04:27	
SM 2540G	Percent Moisture	16.0	%	0.10	11/16/19 09:57	
50241346008	**B-29 (24-26)**					
EPA 6010	Arsenic	7.0	mg/kg	0.91	11/14/19 14:02	
EPA 6010	Barium	13.9	mg/kg	0.91	11/14/19 14:02	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241346008	**B-29 (24-26)**					
EPA 6010	Chromium	4.2	mg/kg	0.91	11/14/19 14:02	
EPA 6010	Lead	5.0	mg/kg	0.91	11/14/19 14:02	
SM 2540G	Percent Moisture	6.8	%	0.10	11/16/19 09:57	
50241346009	**B-30 (0-2)**					
EPA 6010	Arsenic	14.3	mg/kg	1.1	11/14/19 14:09	
EPA 6010	Barium	84.7	mg/kg	1.1	11/14/19 14:09	
EPA 6010	Cadmium	1.6	mg/kg	0.54	11/14/19 14:09	
EPA 6010	Chromium	21.4	mg/kg	1.1	11/14/19 14:09	
EPA 6010	Lead	130	mg/kg	1.1	11/14/19 14:09	
EPA 8270 by SIM	Anthracene	0.056	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Benzo(a)anthracene	0.37	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Benzo(a)pyrene	0.40	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.30	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.22	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.27	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Chrysene	0.32	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.056	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Fluoranthene	0.27	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.18	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	1-Methylnaphthalene	0.11	mg/kg	0.029	11/19/19 11:10	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.13	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Naphthalene	0.045	mg/kg	0.029	11/19/19 11:10	ED
EPA 8270 by SIM	Phenanthrene	0.30	mg/kg	0.029	11/19/19 11:10	
EPA 8270 by SIM	Pyrene	0.31	mg/kg	0.029	11/19/19 11:10	
SM 2540G	Percent Moisture	14.9	%	0.10	11/16/19 09:57	
50241346010	**B-30 (26-28)**					
EPA 6010	Arsenic	6.4	mg/kg	0.91	11/14/19 14:11	
EPA 6010	Barium	20.7	mg/kg	0.91	11/14/19 14:11	
EPA 6010	Chromium	8.1	mg/kg	0.91	11/14/19 14:11	
EPA 6010	Lead	4.8	mg/kg	0.91	11/14/19 14:11	
EPA 8270 by SIM	Benzo(a)anthracene	0.0053	mg/kg	0.0052	11/19/19 11:24	
EPA 8270 by SIM	Fluoranthene	0.0074	mg/kg	0.0052	11/19/19 11:24	
EPA 8270 by SIM	Pyrene	0.0071	mg/kg	0.0052	11/19/19 11:24	
SM 2540G	Percent Moisture	4.7	%	0.10	11/16/19 09:57	
50241346011	**B-31 (0-2)**					
EPA 6010	Arsenic	15.0	mg/kg	1.1	11/14/19 14:13	
EPA 6010	Barium	110	mg/kg	1.1	11/14/19 14:13	
EPA 6010	Chromium	16.9	mg/kg	1.1	11/14/19 14:13	
EPA 6010	Lead	49.0	mg/kg	1.1	11/14/19 14:13	
EPA 8270 by SIM	Benzo(a)anthracene	0.011	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Benzo(a)pyrene	0.013	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.016	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0098	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0082	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Chrysene	0.012	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Fluoranthene	0.014	mg/kg	0.0059	11/19/19 11:37	

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7726 Moller Road
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(317)228-3100

SUMMARY OF DETECTION

Project: Can City Facility
Pace Project No.: 50240510

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50241346011	**B-31 (0-2)**					
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0089	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	1-Methylnaphthalene	0.014	mg/kg	0.0059	11/19/19 11:37	N2
EPA 8270 by SIM	2-Methylnaphthalene	0.019	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Phenanthrene	0.024	mg/kg	0.0059	11/19/19 11:37	
EPA 8270 by SIM	Pyrene	0.015	mg/kg	0.0059	11/19/19 11:37	
SM 2540G	Percent Moisture	15.4	%	0.10	11/16/19 09:57	
50241346012	**B-31 (8-10)**					
EPA 6010	Arsenic	10.4	mg/kg	1.1	11/14/19 14:16	
EPA 6010	Barium	35.6	mg/kg	1.1	11/14/19 14:16	
EPA 6010	Chromium	9.6	mg/kg	1.1	11/14/19 14:16	
EPA 6010	Lead	8.6	mg/kg	1.1	11/14/19 14:16	
SM 2540G	Percent Moisture	14.1	%	0.10	11/16/19 09:57	
50241346013	**B-32 (0-2)**					
EPA 6010	Arsenic	14.3	mg/kg	1.1	11/14/19 14:18	
EPA 6010	Barium	54.7	mg/kg	1.1	11/14/19 14:18	
EPA 6010	Chromium	15.5	mg/kg	1.1	11/14/19 14:18	
EPA 6010	Lead	12.6	mg/kg	1.1	11/14/19 14:18	
EPA 8270 by SIM	Phenanthrene	0.0068	mg/kg	0.0060	11/19/19 12:04	
SM 2540G	Percent Moisture	17.0	%	0.10	11/16/19 09:57	
50241346014	**B-32 (24-26)**					
EPA 6010	Arsenic	5.8	mg/kg	1.0	11/14/19 14:21	
EPA 6010	Barium	20.0	mg/kg	1.0	11/14/19 14:21	
EPA 6010	Chromium	25.3	mg/kg	1.0	11/14/19 14:21	
EPA 6010	Lead	4.5	mg/kg	1.0	11/14/19 14:21	
SM 2540G	Percent Moisture	6.6	%	0.10	11/16/19 09:57	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (0-2) **Lab ID: 50240510001** Collected: 11/04/19 13:30 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**24.1**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:43	7440-38-2	
Barium	**84.6**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:43	7440-39-3	
Cadmium	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 09:43	7440-43-9	
Chromium	**12.2**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:43	7440-47-3	
Lead	**24.6**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:43	7439-92-1	
Selenium	**2.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:43	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 09:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/10/19 23:32	11/11/19 09:32	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	207-08-9	
Chrysene	**0.011**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	53-70-3	
Fluoranthene	**0.024**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	193-39-5	
1-Methylnaphthalene	**0.024**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	90-12-0	N2
2-Methylnaphthalene	**0.027**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	91-57-6	
Naphthalene	**0.058**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	91-20-3	
Phenanthrene	**0.042**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	85-01-8	
Pyrene	**0.015**	mg/kg	0.0060	1	11/06/19 18:04	11/07/19 23:32	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	29	%.	23-107	1	11/06/19 18:04	11/07/19 23:32	321-60-8	
p-Terphenyl-d14 (S)	18	%.	16-117	1	11/06/19 18:04	11/07/19 23:32	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.14	1		11/11/19 07:40	67-64-1	
Acrolein	ND	mg/kg	0.14	1		11/11/19 07:40	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	1		11/11/19 07:40	107-13-1	
Benzene	ND	mg/kg	0.0072	1		11/11/19 07:40	71-43-2	
Bromobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	108-86-1	
Bromochloromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	75-27-4	
Bromoform	ND	mg/kg	0.0072	1		11/11/19 07:40	75-25-2	
Bromomethane	ND	mg/kg	0.0072	1		11/11/19 07:40	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.036	1		11/11/19 07:40	78-93-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (0-2) **Lab ID: 50240510001** Collected: 11/04/19 13:30 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	1		11/11/19 07:40	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0072	1		11/11/19 07:40	56-23-5	
Chlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	108-90-7	
Chloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	75-00-3	
Chloroform	ND	mg/kg	0.0072	1		11/11/19 07:40	67-66-3	
Chloromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0072	1		11/11/19 07:40	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0072	1		11/11/19 07:40	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0072	1		11/11/19 07:40	106-93-4	
Dibromomethane	ND	mg/kg	0.0072	1		11/11/19 07:40	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	1		11/11/19 07:40	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0072	1		11/11/19 07:40	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0072	1		11/11/19 07:40	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0072	1		11/11/19 07:40	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0072	1		11/11/19 07:40	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0072	1		11/11/19 07:40	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0072	1		11/11/19 07:40	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0072	1		11/11/19 07:40	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0072	1		11/11/19 07:40	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0072	1		11/11/19 07:40	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	1		11/11/19 07:40	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0072	1		11/11/19 07:40	87-68-3	
n-Hexane	ND	mg/kg	0.0072	1		11/11/19 07:40	110-54-3	N2
2-Hexanone	ND	mg/kg	0.14	1		11/11/19 07:40	591-78-6	
Iodomethane	ND	mg/kg	0.14	1		11/11/19 07:40	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0072	1		11/11/19 07:40	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0072	1		11/11/19 07:40	99-87-6	
Methylene Chloride	ND	mg/kg	0.029	1		11/11/19 07:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.036	1		11/11/19 07:40	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0072	1		11/11/19 07:40	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	103-65-1	
Styrene	ND	mg/kg	0.0072	1		11/11/19 07:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0072	1		11/11/19 07:40	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (0-2) **Lab ID: 50240510001** Collected: 11/04/19 13:30 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0072	1		11/11/19 07:40	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0072	1		11/11/19 07:40	79-00-5	
Trichloroethene	ND	mg/kg	0.0072	1		11/11/19 07:40	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0072	1		11/11/19 07:40	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0072	1		11/11/19 07:40	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	95-63-6	L1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0072	1		11/11/19 07:40	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	1		11/11/19 07:40	108-05-4	
Vinyl chloride	ND	mg/kg	0.0072	1		11/11/19 07:40	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	1		11/11/19 07:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/11/19 07:40	1868-53-7	
Toluene-d8 (S)	116	%.	77-127	1		11/11/19 07:40	2037-26-5	
4-Bromofluorobenzene (S)	70	%.	65-119	1		11/11/19 07:40	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.1**	%	0.10	1		11/10/19 13:13		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (6-8) **Lab ID: 50240510002** Collected: 11/04/19 13:45 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.0**	mg/kg	1.4	1	11/07/19 13:22	11/08/19 09:45	7440-38-2	
Barium	**33.2**	mg/kg	1.4	1	11/07/19 13:22	11/08/19 09:45	7440-39-3	
Cadmium	ND	mg/kg	0.69	1	11/07/19 13:22	11/08/19 09:45	7440-43-9	
Chromium	**11.9**	mg/kg	1.4	1	11/07/19 13:22	11/08/19 09:45	7440-47-3	
Lead	**23.5**	mg/kg	1.4	1	11/07/19 13:22	11/08/19 09:45	7439-92-1	
Selenium	ND	mg/kg	1.4	1	11/07/19 13:22	11/08/19 09:45	7782-49-2	
Silver	ND	mg/kg	0.69	1	11/07/19 13:22	11/08/19 09:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.26	1	11/10/19 23:32	11/11/19 09:42	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	83-32-9	
Acenaphthylene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	208-96-8	
Anthracene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	207-08-9	
Chrysene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	53-70-3	
Fluoranthene	**0.011**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	206-44-0	
Fluorene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	193-39-5	
1-Methylnaphthalene	**0.012**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	90-12-0	N2
2-Methylnaphthalene	**0.012**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	91-57-6	
Naphthalene	**0.016**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	91-20-3	
Phenanthrene	**0.033**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	85-01-8	
Pyrene	**0.0097**	mg/kg	0.0070	1	11/06/19 18:04	11/07/19 23:45	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	28	%.	23-107	1	11/06/19 18:04	11/07/19 23:45	321-60-8	
p-Terphenyl-d14 (S)	27	%.	16-117	1	11/06/19 18:04	11/07/19 23:45	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.14	1		11/10/19 15:11	67-64-1	
Acrolein	ND	mg/kg	0.14	1		11/10/19 15:11	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	1		11/10/19 15:11	107-13-1	
Benzene	ND	mg/kg	0.0070	1		11/10/19 15:11	71-43-2	
Bromobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	108-86-1	
Bromochloromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	75-27-4	
Bromoform	ND	mg/kg	0.0070	1		11/10/19 15:11	75-25-2	
Bromomethane	ND	mg/kg	0.0070	1		11/10/19 15:11	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.035	1		11/10/19 15:11	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (6-8) **Lab ID: 50240510002** Collected: 11/04/19 13:45 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	1		11/10/19 15:11	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0070	1		11/10/19 15:11	56-23-5	
Chlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	108-90-7	
Chloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	75-00-3	
Chloroform	ND	mg/kg	0.0070	1		11/10/19 15:11	67-66-3	
Chloromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0070	1		11/10/19 15:11	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0070	1		11/10/19 15:11	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0070	1		11/10/19 15:11	106-93-4	
Dibromomethane	ND	mg/kg	0.0070	1		11/10/19 15:11	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	1		11/10/19 15:11	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0070	1		11/10/19 15:11	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0070	1		11/10/19 15:11	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0070	1		11/10/19 15:11	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0070	1		11/10/19 15:11	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0070	1		11/10/19 15:11	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0070	1		11/10/19 15:11	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0070	1		11/10/19 15:11	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0070	1		11/10/19 15:11	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0070	1		11/10/19 15:11	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	1		11/10/19 15:11	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0070	1		11/10/19 15:11	87-68-3	
n-Hexane	ND	mg/kg	0.0070	1		11/10/19 15:11	110-54-3	N2
2-Hexanone	ND	mg/kg	0.14	1		11/10/19 15:11	591-78-6	
Iodomethane	ND	mg/kg	0.14	1		11/10/19 15:11	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0070	1		11/10/19 15:11	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0070	1		11/10/19 15:11	99-87-6	
Methylene Chloride	ND	mg/kg	0.028	1		11/10/19 15:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.035	1		11/10/19 15:11	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0070	1		11/10/19 15:11	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	103-65-1	
Styrene	ND	mg/kg	0.0070	1		11/10/19 15:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0070	1		11/10/19 15:11	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-1 (6-8) **Lab ID: 50240510002** Collected: 11/04/19 13:45 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0070	1		11/10/19 15:11	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0070	1		11/10/19 15:11	79-00-5	
Trichloroethene	ND	mg/kg	0.0070	1		11/10/19 15:11	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0070	1		11/10/19 15:11	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0070	1		11/10/19 15:11	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0070	1		11/10/19 15:11	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	1		11/10/19 15:11	108-05-4	
Vinyl chloride	ND	mg/kg	0.0070	1		11/10/19 15:11	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	1		11/10/19 15:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	116	%.	77-131	1		11/10/19 15:11	1868-53-7	
Toluene-d8 (S)	127	%.	77-127	1		11/10/19 15:11	2037-26-5	
4-Bromofluorobenzene (S)	67	%.	65-119	1		11/10/19 15:11	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**29.1**	%	0.10	1		11/10/19 13:13		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (2-4) **Lab ID: 50240510003** Collected: 11/04/19 14:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.0**	mg/kg	0.97	1	11/07/19 13:22	11/08/19 09:47	7440-38-2	
Barium	**69.4**	mg/kg	0.97	1	11/07/19 13:22	11/08/19 09:47	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	11/07/19 13:22	11/08/19 09:47	7440-43-9	
Chromium	**6.3**	mg/kg	0.97	1	11/07/19 13:22	11/08/19 09:47	7440-47-3	
Lead	**14.2**	mg/kg	0.97	1	11/07/19 13:22	11/08/19 09:47	7439-92-1	
Selenium	ND	mg/kg	0.97	1	11/07/19 13:22	11/08/19 09:47	7782-49-2	
Silver	ND	mg/kg	0.48	1	11/07/19 13:22	11/08/19 09:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/10/19 23:32	11/11/19 09:44	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	83-32-9	
Acenaphthylene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	208-96-8	
Anthracene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	207-08-9	
Chrysene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	53-70-3	
Fluoranthene	**0.032**	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	206-44-0	
Fluorene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	91-57-6	
Naphthalene	ND	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	91-20-3	ED
Phenanthrene	**0.063**	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	85-01-8	
Pyrene	**0.031**	mg/kg	0.027	5	11/08/19 10:44	11/11/19 14:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	100	%.	23-107	5	11/08/19 10:44	11/11/19 14:16	321-60-8	
p-Terphenyl-d14 (S)	97	%.	16-117	5	11/08/19 10:44	11/11/19 14:16	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.092	1		11/10/19 15:36	67-64-1	
Acrolein	ND	mg/kg	0.092	1		11/10/19 15:36	107-02-8	
Acrylonitrile	ND	mg/kg	0.092	1		11/10/19 15:36	107-13-1	
Benzene	ND	mg/kg	0.0046	1		11/10/19 15:36	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	75-27-4	
Bromoform	ND	mg/kg	0.0046	1		11/10/19 15:36	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1		11/10/19 15:36	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/10/19 15:36	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (2-4) **Lab ID: 50240510003** Collected: 11/04/19 14:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	98-06-6	
Carbon disulfide	ND	mg/kg	0.0092	1		11/10/19 15:36	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1		11/10/19 15:36	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	75-00-3	
Chloroform	ND	mg/kg	0.0046	1		11/10/19 15:36	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	1		11/10/19 15:36	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	1		11/10/19 15:36	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	1		11/10/19 15:36	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	1		11/10/19 15:36	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.092	1		11/10/19 15:36	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1		11/10/19 15:36	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/10/19 15:36	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/10/19 15:36	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1		11/10/19 15:36	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	1		11/10/19 15:36	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	1		11/10/19 15:36	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	1		11/10/19 15:36	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/10/19 15:36	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/10/19 15:36	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.092	1		11/10/19 15:36	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	1		11/10/19 15:36	87-68-3	
n-Hexane	ND	mg/kg	0.0046	1		11/10/19 15:36	110-54-3	N2
2-Hexanone	ND	mg/kg	0.092	1		11/10/19 15:36	591-78-6	
Iodomethane	ND	mg/kg	0.092	1		11/10/19 15:36	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	1		11/10/19 15:36	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	1		11/10/19 15:36	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/10/19 15:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/10/19 15:36	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1		11/10/19 15:36	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	103-65-1	
Styrene	ND	mg/kg	0.0046	1		11/10/19 15:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1		11/10/19 15:36	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (2-4) **Lab ID: 50240510003** Collected: 11/04/19 14:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0046	1		11/10/19 15:36	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1		11/10/19 15:36	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1		11/10/19 15:36	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1		11/10/19 15:36	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	1		11/10/19 15:36	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	1		11/10/19 15:36	108-67-8	
Vinyl acetate	ND	mg/kg	0.092	1		11/10/19 15:36	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	1		11/10/19 15:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.0092	1		11/10/19 15:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	77-131	1		11/10/19 15:36	1868-53-7	
Toluene-d8 (S)	131	%.	77-127	1		11/10/19 15:36	2037-26-5	S3
4-Bromofluorobenzene (S)	67	%.	65-119	1		11/10/19 15:36	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**7.2**	%	0.10	1		11/10/19 13:13		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (12-14) **Lab ID: 50240510004** Collected: 11/04/19 14:13 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.8**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:49	7440-38-2	
Barium	**92.6**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:49	7440-39-3	
Cadmium	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 09:49	7440-43-9	
Chromium	**16.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:49	7440-47-3	
Lead	**10.5**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:49	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 13:22	11/08/19 09:49	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 09:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/10/19 23:32	11/11/19 09:47	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	91-57-6	
Naphthalene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	91-20-3	
Phenanthrene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	11/08/19 10:44	11/11/19 14:32	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	86	%.	23-107	1	11/08/19 10:44	11/11/19 14:32	321-60-8	
p-Terphenyl-d14 (S)	86	%.	16-117	1	11/08/19 10:44	11/11/19 14:32	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/11/19 08:04	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/11/19 08:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/11/19 08:04	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/11/19 08:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/11/19 08:04	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/11/19 08:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/11/19 08:04	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (12-14) **Lab ID: 50240510004** Collected: 11/04/19 14:13 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/11/19 08:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/11/19 08:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/11/19 08:04	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/11/19 08:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/11/19 08:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/11/19 08:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/11/19 08:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/11/19 08:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/11/19 08:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/11/19 08:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/11/19 08:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/11/19 08:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/11/19 08:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/11/19 08:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/11/19 08:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/11/19 08:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/11/19 08:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/11/19 08:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/11/19 08:04	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/11/19 08:04	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/11/19 08:04	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/11/19 08:04	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/11/19 08:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/11/19 08:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/11/19 08:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/11/19 08:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/11/19 08:04	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/11/19 08:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1		11/11/19 08:04	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-2 (12-14) **Lab ID: 50240510004** Collected: 11/04/19 14:13 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0053	1		11/11/19 08:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/11/19 08:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1		11/11/19 08:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/11/19 08:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/11/19 08:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	95-63-6	L1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/11/19 08:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/11/19 08:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/11/19 08:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/11/19 08:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	77-131	1		11/11/19 08:04	1868-53-7	
Toluene-d8 (S)	102	%.	77-127	1		11/11/19 08:04	2037-26-5	
4-Bromofluorobenzene (S)	85	%.	65-119	1		11/11/19 08:04	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**21.2**	%	0.10	1		11/10/19 13:13		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (0-2) **Lab ID: 50240510005** Collected: 11/04/19 14:25 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**19.0**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:51	7440-38-2	
Barium	**86.5**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:51	7440-39-3	
Cadmium	**3.0**	mg/kg	0.51	1	11/07/19 13:22	11/08/19 09:51	7440-43-9	
Chromium	**10.6**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:51	7440-47-3	
Lead	**1240**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:51	7439-92-1	
Selenium	**2.0**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:51	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/07/19 13:22	11/08/19 09:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/10/19 23:32	11/11/19 09:49	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	83-32-9	
Acenaphthylene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	208-96-8	
Anthracene	**0.030**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	120-12-7	
Benzo(a)anthracene	**0.041**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	56-55-3	
Benzo(a)pyrene	**0.031**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	50-32-8	
Benzo(b)fluoranthene	**0.030**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	207-08-9	
Chrysene	**0.054**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	53-70-3	
Fluoranthene	**0.084**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	206-44-0	
Fluorene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	193-39-5	
1-Methylnaphthalene	**0.089**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	90-12-0	N2
2-Methylnaphthalene	**0.12**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	91-57-6	
Naphthalene	**0.036**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	91-20-3	ED
Phenanthrene	**0.25**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	85-01-8	
Pyrene	**0.083**	mg/kg	0.030	5	11/08/19 10:44	11/11/19 14:49	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	90	%.	23-107	5	11/08/19 10:44	11/11/19 14:49	321-60-8	
p-Terphenyl-d14 (S)	86	%.	16-117	5	11/08/19 10:44	11/11/19 14:49	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/11/19 08:29	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/11/19 08:29	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/11/19 08:29	107-13-1	
Benzene	ND	mg/kg	0.0067	1		11/11/19 08:29	71-43-2	
Bromobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	75-27-4	
Bromoform	ND	mg/kg	0.0067	1		11/11/19 08:29	75-25-2	
Bromomethane	ND	mg/kg	0.0067	1		11/11/19 08:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.034	1		11/11/19 08:29	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (0-2) **Lab ID: 50240510005** Collected: 11/04/19 14:25 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/11/19 08:29	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0067	1		11/11/19 08:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	108-90-7	
Chloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	75-00-3	
Chloroform	ND	mg/kg	0.0067	1		11/11/19 08:29	67-66-3	
Chloromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0067	1		11/11/19 08:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0067	1		11/11/19 08:29	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0067	1		11/11/19 08:29	106-93-4	
Dibromomethane	ND	mg/kg	0.0067	1		11/11/19 08:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/11/19 08:29	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0067	1		11/11/19 08:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/11/19 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/11/19 08:29	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0067	1		11/11/19 08:29	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0067	1		11/11/19 08:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0067	1		11/11/19 08:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0067	1		11/11/19 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/11/19 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/11/19 08:29	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/11/19 08:29	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0067	1		11/11/19 08:29	87-68-3	
n-Hexane	ND	mg/kg	0.0067	1		11/11/19 08:29	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/11/19 08:29	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/11/19 08:29	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0067	1		11/11/19 08:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0067	1		11/11/19 08:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.027	1		11/11/19 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.034	1		11/11/19 08:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0067	1		11/11/19 08:29	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	103-65-1	
Styrene	ND	mg/kg	0.0067	1		11/11/19 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0067	1		11/11/19 08:29	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (0-2) **Lab ID: 50240510005** Collected: 11/04/19 14:25 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0067	1		11/11/19 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0067	1		11/11/19 08:29	79-00-5	
Trichloroethene	ND	mg/kg	0.0067	1		11/11/19 08:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0067	1		11/11/19 08:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0067	1		11/11/19 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	95-63-6	L1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0067	1		11/11/19 08:29	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/11/19 08:29	108-05-4	
Vinyl chloride	ND	mg/kg	0.0067	1		11/11/19 08:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/11/19 08:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	77-131	1		11/11/19 08:29	1868-53-7	
Toluene-d8 (S)	119	%.	77-127	1		11/11/19 08:29	2037-26-5	
4-Bromofluorobenzene (S)	67	%.	65-119	1		11/11/19 08:29	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.7**	%	0.10	1		11/10/19 13:14		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (24-26) **Lab ID: 50240510006** Collected: 11/04/19 14:51 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.1**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:57	7440-38-2	
Barium	**73.5**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:57	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	11/07/19 13:22	11/08/19 09:57	7440-43-9	
Chromium	**12.9**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:57	7440-47-3	
Lead	**9.5**	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:57	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/07/19 13:22	11/08/19 09:57	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/07/19 13:22	11/08/19 09:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/07/19 23:30	11/08/19 09:33	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	208-96-8	
Anthracene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	207-08-9	
Chrysene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	53-70-3	
Fluoranthene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	206-44-0	
Fluorene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	91-57-6	
Naphthalene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	91-20-3	
Phenanthrene	**0.0077**	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	85-01-8	
Pyrene	ND	mg/kg	0.0056	1	11/08/19 10:44	11/11/19 15:05	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	23-107	1	11/08/19 10:44	11/11/19 15:05	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-117	1	11/08/19 10:44	11/11/19 15:05	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.093	1		11/11/19 08:54	67-64-1	
Acrolein	ND	mg/kg	0.093	1		11/11/19 08:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.093	1		11/11/19 08:54	107-13-1	
Benzene	ND	mg/kg	0.0047	1		11/11/19 08:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	75-27-4	
Bromoform	ND	mg/kg	0.0047	1		11/11/19 08:54	75-25-2	
Bromomethane	ND	mg/kg	0.0047	1		11/11/19 08:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/11/19 08:54	78-93-3	

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (24-26) **Lab ID: 50240510006** Collected: 11/04/19 14:51 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.0093	1		11/11/19 08:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0047	1		11/11/19 08:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	108-90-7	
Chloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	75-00-3	
Chloroform	ND	mg/kg	0.0047	1		11/11/19 08:54	67-66-3	
Chloromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0047	1		11/11/19 08:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0047	1		11/11/19 08:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0047	1		11/11/19 08:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0047	1		11/11/19 08:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.093	1		11/11/19 08:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0047	1		11/11/19 08:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/11/19 08:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/11/19 08:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0047	1		11/11/19 08:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0047	1		11/11/19 08:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0047	1		11/11/19 08:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0047	1		11/11/19 08:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/11/19 08:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/11/19 08:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.093	1		11/11/19 08:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0047	1		11/11/19 08:54	87-68-3	
n-Hexane	ND	mg/kg	0.0047	1		11/11/19 08:54	110-54-3	N2
2-Hexanone	ND	mg/kg	0.093	1		11/11/19 08:54	591-78-6	
Iodomethane	ND	mg/kg	0.093	1		11/11/19 08:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0047	1		11/11/19 08:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0047	1		11/11/19 08:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/11/19 08:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/11/19 08:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0047	1		11/11/19 08:54	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	103-65-1	
Styrene	ND	mg/kg	0.0047	1		11/11/19 08:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0047	1		11/11/19 08:54	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-3 (24-26) **Lab ID: 50240510006** Collected: 11/04/19 14:51 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0047	1		11/11/19 08:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0047	1		11/11/19 08:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0047	1		11/11/19 08:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0047	1		11/11/19 08:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0047	1		11/11/19 08:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	95-63-6	L1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0047	1		11/11/19 08:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.093	1		11/11/19 08:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0047	1		11/11/19 08:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.0093	1		11/11/19 08:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	77-131	1		11/11/19 08:54	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/11/19 08:54	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	65-119	1		11/11/19 08:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**12.1**	%	0.10	1		11/10/19 13:14		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (2-4) **Lab ID: 50240510007** Collected: 11/04/19 15:10 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**25.0**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:00	7440-38-2	
Barium	**86.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:00	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/07/19 13:22	11/08/19 10:00	7440-43-9	
Chromium	**18.9**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:00	7440-47-3	
Lead	**12.2**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:00	7439-92-1	
Selenium	**7.8**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:00	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/07/19 13:22	11/08/19 10:00	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/07/19 23:30	11/08/19 09:40	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	83-32-9	
Acenaphthylene	**0.020**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	208-96-8	
Anthracene	**0.013**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	120-12-7	
Benzo(a)anthracene	**0.011**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	207-08-9	
Chrysene	**0.013**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	53-70-3	
Fluoranthene	**0.022**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	206-44-0	
Fluorene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	193-39-5	
1-Methylnaphthalene	**0.16**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	90-12-0	N2
2-Methylnaphthalene	**0.17**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	91-57-6	
Naphthalene	**0.12**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	91-20-3	
Phenanthrene	**0.12**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	85-01-8	
Pyrene	**0.028**	mg/kg	0.0064	1	11/08/19 10:44	11/11/19 15:22	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	23-107	1	11/08/19 10:44	11/11/19 15:22	321-60-8	
p-Terphenyl-d14 (S)	56	%.	16-117	1	11/08/19 10:44	11/11/19 15:22	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.15	1		11/10/19 16:00	67-64-1	
Acrolein	ND	mg/kg	0.15	1		11/10/19 16:00	107-02-8	
Acrylonitrile	ND	mg/kg	0.15	1		11/10/19 16:00	107-13-1	
Benzene	ND	mg/kg	0.0075	1		11/10/19 16:00	71-43-2	
Bromobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	108-86-1	
Bromochloromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	75-27-4	
Bromoform	ND	mg/kg	0.0075	1		11/10/19 16:00	75-25-2	
Bromomethane	ND	mg/kg	0.0075	1		11/10/19 16:00	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.038	1		11/10/19 16:00	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (2-4) **Lab ID: 50240510007** Collected: 11/04/19 15:10 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	98-06-6	
Carbon disulfide	ND	mg/kg	0.015	1		11/10/19 16:00	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0075	1		11/10/19 16:00	56-23-5	
Chlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	108-90-7	
Chloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	75-00-3	
Chloroform	ND	mg/kg	0.0075	1		11/10/19 16:00	67-66-3	
Chloromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0075	1		11/10/19 16:00	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0075	1		11/10/19 16:00	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0075	1		11/10/19 16:00	106-93-4	
Dibromomethane	ND	mg/kg	0.0075	1		11/10/19 16:00	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.15	1		11/10/19 16:00	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0075	1		11/10/19 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0075	1		11/10/19 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0075	1		11/10/19 16:00	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0075	1		11/10/19 16:00	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0075	1		11/10/19 16:00	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0075	1		11/10/19 16:00	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0075	1		11/10/19 16:00	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0075	1		11/10/19 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0075	1		11/10/19 16:00	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.15	1		11/10/19 16:00	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0075	1		11/10/19 16:00	87-68-3	
n-Hexane	ND	mg/kg	0.0075	1		11/10/19 16:00	110-54-3	N2
2-Hexanone	ND	mg/kg	0.15	1		11/10/19 16:00	591-78-6	
Iodomethane	ND	mg/kg	0.15	1		11/10/19 16:00	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0075	1		11/10/19 16:00	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0075	1		11/10/19 16:00	99-87-6	
Methylene Chloride	ND	mg/kg	0.030	1		11/10/19 16:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.038	1		11/10/19 16:00	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0075	1		11/10/19 16:00	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	103-65-1	
Styrene	ND	mg/kg	0.0075	1		11/10/19 16:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0075	1		11/10/19 16:00	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (2-4) **Lab ID: 50240510007** Collected: 11/04/19 15:10 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0075	1		11/10/19 16:00	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0075	1		11/10/19 16:00	79-00-5	
Trichloroethene	ND	mg/kg	0.0075	1		11/10/19 16:00	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0075	1		11/10/19 16:00	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0075	1		11/10/19 16:00	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0075	1		11/10/19 16:00	108-67-8	
Vinyl acetate	ND	mg/kg	0.15	1		11/10/19 16:00	108-05-4	
Vinyl chloride	ND	mg/kg	0.0075	1		11/10/19 16:00	75-01-4	
Xylene (Total)	ND	mg/kg	0.015	1		11/10/19 16:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	77-131	1		11/10/19 16:00	1868-53-7	
Toluene-d8 (S)	145	%.	77-127	1		11/10/19 16:00	2037-26-5	S3
4-Bromofluorobenzene (S)	70	%.	65-119	1		11/10/19 16:00	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**22.7**	%	0.10	1		11/10/19 13:14		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (12-14) **Lab ID: 50240510008** Collected: 11/04/19 15:20 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.9**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:02	7440-38-2	
Barium	**77.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:02	7440-39-3	
Cadmium	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 10:02	7440-43-9	
Chromium	**15.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:02	7440-47-3	
Lead	**12.1**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:02	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:02	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/07/19 13:22	11/08/19 10:02	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/07/19 23:30	11/08/19 09:42	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	88	%.	23-107	1	11/08/19 10:44	11/11/19 15:38	321-60-8	
p-Terphenyl-d14 (S)	84	%.	16-117	1	11/08/19 10:44	11/11/19 15:38	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/11/19 12:31	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/11/19 12:31	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/11/19 12:31	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/11/19 12:31	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/11/19 12:31	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/11/19 12:31	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/11/19 12:31	78-93-3	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (12-14) **Lab ID: 50240510008** Collected: 11/04/19 15:20 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/11/19 12:31	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/11/19 12:31	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/11/19 12:31	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/11/19 12:31	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/11/19 12:31	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/11/19 12:31	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/11/19 12:31	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/11/19 12:31	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 12:31	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 12:31	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/11/19 12:31	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 12:31	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 12:31	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/11/19 12:31	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 12:31	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 12:31	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/11/19 12:31	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/11/19 12:31	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/11/19 12:31	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/11/19 12:31	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/11/19 12:31	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/11/19 12:31	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/11/19 12:31	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/11/19 12:31	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/11/19 12:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/11/19 12:31	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/11/19 12:31	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/11/19 12:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/11/19 12:31	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-4 (12-14) **Lab ID: 50240510008** Collected: 11/04/19 15:20 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		11/11/19 12:31	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/11/19 12:31	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/11/19 12:31	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/11/19 12:31	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/11/19 12:31	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/11/19 12:31	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/11/19 12:31	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/11/19 12:31	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/11/19 12:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	77-131	1		11/11/19 12:31	1868-53-7	
Toluene-d8 (S)	96	%.	77-127	1		11/11/19 12:31	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	65-119	1		11/11/19 12:31	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.3**	%	0.10	1		11/10/19 13:14		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Dup1 **Lab ID: 50240510009** Collected: 11/04/19 08:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.6**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:04	7440-38-2	
Barium	**85.3**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:04	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/07/19 13:22	11/08/19 10:04	7440-43-9	
Chromium	**11.2**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:04	7440-47-3	
Lead	**9.1**	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:04	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 13:22	11/08/19 10:04	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/07/19 13:22	11/08/19 10:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/07/19 23:30	11/08/19 09:45	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/08/19 10:44	11/11/19 15:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	88	%.	23-107	1	11/08/19 10:44	11/11/19 15:55	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-117	1	11/08/19 10:44	11/11/19 15:55	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/11/19 13:06	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/11/19 13:06	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/11/19 13:06	107-13-1	
Benzene	ND	mg/kg	0.0058	1		11/11/19 13:06	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		11/11/19 13:06	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		11/11/19 13:06	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/11/19 13:06	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Dup1 **Lab ID: 50240510009** Collected: 11/04/19 08:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/11/19 13:06	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		11/11/19 13:06	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	108-90-7	
Chloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		11/11/19 13:06	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		11/11/19 13:06	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	1		11/11/19 13:06	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		11/11/19 13:06	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		11/11/19 13:06	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/11/19 13:06	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		11/11/19 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/11/19 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/11/19 13:06	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		11/11/19 13:06	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		11/11/19 13:06	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		11/11/19 13:06	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		11/11/19 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/11/19 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/11/19 13:06	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/11/19 13:06	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		11/11/19 13:06	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		11/11/19 13:06	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/11/19 13:06	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/11/19 13:06	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		11/11/19 13:06	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		11/11/19 13:06	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/11/19 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/11/19 13:06	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		11/11/19 13:06	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	103-65-1	
Styrene	ND	mg/kg	0.0058	1		11/11/19 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	1		11/11/19 13:06	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Dup1 **Lab ID: 50240510009** Collected: 11/04/19 08:00 Received: 11/05/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0058	1		11/11/19 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		11/11/19 13:06	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		11/11/19 13:06	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		11/11/19 13:06	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		11/11/19 13:06	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		11/11/19 13:06	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/11/19 13:06	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		11/11/19 13:06	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/11/19 13:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	77-131	1		11/11/19 13:06	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/11/19 13:06	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	65-119	1		11/11/19 13:06	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.8**	%	0.10	1		11/10/19 13:14		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (0-2) **Lab ID: 50240705001** Collected: 11/04/19 16:08 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.9**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 14:54	7440-38-2	
Barium	**93.2**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 14:54	7440-39-3	
Cadmium	**1.0**	mg/kg	0.59	1	11/07/19 06:12	11/07/19 14:54	7440-43-9	
Chromium	**21.5**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 14:54	7440-47-3	
Lead	**34.0**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 14:54	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/07/19 06:12	11/07/19 14:54	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 14:54	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/10/19 23:35	11/11/19 11:12	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	83-32-9	
Acenaphthylene	**0.0076**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	208-96-8	
Anthracene	**0.0089**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	120-12-7	
Benzo(a)anthracene	**0.040**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	56-55-3	
Benzo(a)pyrene	**0.045**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	50-32-8	
Benzo(b)fluoranthene	**0.046**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	205-99-2	
Benzo(g,h,i)perylene	**0.031**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	191-24-2	
Benzo(k)fluoranthene	**0.039**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	207-08-9	
Chrysene	**0.049**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	218-01-9	
Dibenz(a,h)anthracene	**0.011**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	53-70-3	
Fluoranthene	**0.065**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.025**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	193-39-5	
1-Methylnaphthalene	**0.035**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	90-12-0	N2
2-Methylnaphthalene	**0.042**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	91-57-6	
Naphthalene	**0.043**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	91-20-3	
Phenanthrene	**0.046**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	85-01-8	
Pyrene	**0.059**	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 21:53	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	23-107	1	11/11/19 12:15	11/11/19 21:53	321-60-8	
p-Terphenyl-d14 (S)	63	%.	16-117	1	11/11/19 12:15	11/11/19 21:53	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/08/19 03:50	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/08/19 03:50	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/08/19 03:50	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/08/19 03:50	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/08/19 03:50	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/08/19 03:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/08/19 03:50	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (0-2) **Lab ID: 50240705001** Collected: 11/04/19 16:08 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/08/19 03:50	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/08/19 03:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/08/19 03:50	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/08/19 03:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/08/19 03:50	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/08/19 03:50	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/08/19 03:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/08/19 03:50	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 03:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 03:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 03:50	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 03:50	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 03:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 03:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 03:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 03:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 03:50	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/08/19 03:50	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/08/19 03:50	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/08/19 03:50	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/08/19 03:50	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/08/19 03:50	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/08/19 03:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/08/19 03:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/08/19 03:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/08/19 03:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/08/19 03:50	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/08/19 03:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/08/19 03:50	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (0-2) **Lab ID: 50240705001** Collected: 11/04/19 16:08 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0055	1		11/08/19 03:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/08/19 03:50	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/08/19 03:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/08/19 03:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/08/19 03:50	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/08/19 03:50	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/08/19 03:50	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/08/19 03:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/08/19 03:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	77-131	1		11/08/19 03:50	1868-53-7	
Toluene-d8 (S)	107	%.	77-127	1		11/08/19 03:50	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	65-119	1		11/08/19 03:50	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.9**	%	0.10	1		11/11/19 13:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (12-14) **Lab ID: 50240705002** Collected: 11/04/19 16:18 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.1**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:56	7440-38-2	
Barium	**96.9**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:56	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	11/07/19 06:12	11/07/19 14:56	7440-43-9	
Chromium	**15.1**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:56	7440-47-3	
Lead	**10.5**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:56	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:56	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/07/19 06:12	11/07/19 14:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/10/19 23:35	11/11/19 11:15	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	83-32-9	
Acenaphthylene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	208-96-8	
Anthracene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	207-08-9	
Chrysene	**0.039**	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	53-70-3	
Fluoranthene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	206-44-0	
Fluorene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	193-39-5	
1-Methylnaphthalene	**0.059**	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	90-12-0	N2
2-Methylnaphthalene	**0.056**	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	91-57-6	
Naphthalene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	91-20-3	ED
Phenanthrene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	85-01-8	
Pyrene	ND	mg/kg	0.030	5	11/11/19 12:15	11/13/19 14:39	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	23-107	5	11/11/19 12:15	11/13/19 14:39	321-60-8	
p-Terphenyl-d14 (S)	67	%.	16-117	5	11/11/19 12:15	11/13/19 14:39	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/08/19 04:23	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/08/19 04:23	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/08/19 04:23	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/08/19 04:23	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/08/19 04:23	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/08/19 04:23	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/08/19 04:23	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (12-14) **Lab ID: 50240705002** Collected: 11/04/19 16:18 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/08/19 04:23	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/08/19 04:23	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/08/19 04:23	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/08/19 04:23	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/08/19 04:23	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/08/19 04:23	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/08/19 04:23	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/08/19 04:23	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 04:23	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 04:23	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 04:23	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 04:23	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 04:23	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 04:23	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 04:23	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 04:23	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 04:23	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/08/19 04:23	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/08/19 04:23	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/08/19 04:23	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/08/19 04:23	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/08/19 04:23	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/08/19 04:23	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/08/19 04:23	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/08/19 04:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/08/19 04:23	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/08/19 04:23	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/08/19 04:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1		11/08/19 04:23	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-5 (12-14) **Lab ID: 50240705002** Collected: 11/04/19 16:18 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0053	1		11/08/19 04:23	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/08/19 04:23	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1		11/08/19 04:23	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/08/19 04:23	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/08/19 04:23	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/08/19 04:23	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/08/19 04:23	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/08/19 04:23	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/08/19 04:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%.	77-131	1		11/08/19 04:23	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/08/19 04:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	65-119	1		11/08/19 04:23	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.8**	%	0.10	1		11/11/19 13:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (0-2) **Lab ID: 50240705003** Collected: 11/05/19 08:25 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**35.2**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:58	7440-38-2	
Barium	**182**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:58	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	11/07/19 06:12	11/07/19 14:58	7440-43-9	
Chromium	**11.8**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:58	7440-47-3	
Lead	**75.2**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:58	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/07/19 06:12	11/07/19 14:58	7782-49-2	
Silver	ND	mg/kg	0.52	1	11/07/19 06:12	11/07/19 14:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/10/19 23:35	11/11/19 11:17	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	83-32-9	
Acenaphthylene	**0.042**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	208-96-8	
Anthracene	**0.048**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	120-12-7	
Benzo(a)anthracene	**0.072**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	56-55-3	
Benzo(a)pyrene	**0.047**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	50-32-8	
Benzo(b)fluoranthene	**0.064**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	205-99-2	
Benzo(g,h,i)perylene	**0.049**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	191-24-2	
Benzo(k)fluoranthene	**0.054**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	207-08-9	
Chrysene	**0.12**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	53-70-3	
Fluoranthene	**0.16**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	206-44-0	
Fluorene	ND	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	193-39-5	
1-Methylnaphthalene	**0.079**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	90-12-0	N2
2-Methylnaphthalene	**0.092**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	91-57-6	
Naphthalene	**0.13**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	91-20-3	ED
Phenanthrene	**0.26**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	85-01-8	
Pyrene	**0.15**	mg/kg	0.028	5	11/11/19 12:15	11/11/19 22:26	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	23-107	5	11/11/19 12:15	11/11/19 22:26	321-60-8	
p-Terphenyl-d14 (S)	62	%.	16-117	5	11/11/19 12:15	11/11/19 22:26	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.098	1		11/08/19 04:57	67-64-1	
Acrolein	ND	mg/kg	0.098	1		11/08/19 04:57	107-02-8	
Acrylonitrile	ND	mg/kg	0.098	1		11/08/19 04:57	107-13-1	
Benzene	ND	mg/kg	0.0049	1		11/08/19 04:57	71-43-2	
Bromobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	108-86-1	
Bromochloromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	75-27-4	
Bromoform	ND	mg/kg	0.0049	1		11/08/19 04:57	75-25-2	
Bromomethane	ND	mg/kg	0.0049	1		11/08/19 04:57	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		11/08/19 04:57	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (0-2) **Lab ID: 50240705003** Collected: 11/05/19 08:25 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	98-06-6	
Carbon disulfide	ND	mg/kg	0.0098	1		11/08/19 04:57	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0049	1		11/08/19 04:57	56-23-5	
Chlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	108-90-7	
Chloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	75-00-3	
Chloroform	ND	mg/kg	0.0049	1		11/08/19 04:57	67-66-3	
Chloromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0049	1		11/08/19 04:57	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0049	1		11/08/19 04:57	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0049	1		11/08/19 04:57	106-93-4	
Dibromomethane	ND	mg/kg	0.0049	1		11/08/19 04:57	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.098	1		11/08/19 04:57	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 04:57	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 04:57	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 04:57	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 04:57	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 04:57	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 04:57	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 04:57	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 04:57	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 04:57	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.098	1		11/08/19 04:57	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0049	1		11/08/19 04:57	87-68-3	
n-Hexane	ND	mg/kg	0.0049	1		11/08/19 04:57	110-54-3	N2
2-Hexanone	ND	mg/kg	0.098	1		11/08/19 04:57	591-78-6	
Iodomethane	ND	mg/kg	0.098	1		11/08/19 04:57	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0049	1		11/08/19 04:57	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0049	1		11/08/19 04:57	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/08/19 04:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		11/08/19 04:57	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0049	1		11/08/19 04:57	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	103-65-1	
Styrene	ND	mg/kg	0.0049	1		11/08/19 04:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0049	1		11/08/19 04:57	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (0-2) **Lab ID: 50240705003** Collected: 11/05/19 08:25 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0049	1		11/08/19 04:57	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0049	1		11/08/19 04:57	79-00-5	
Trichloroethene	ND	mg/kg	0.0049	1		11/08/19 04:57	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0049	1		11/08/19 04:57	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0049	1		11/08/19 04:57	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0049	1		11/08/19 04:57	108-67-8	
Vinyl acetate	ND	mg/kg	0.098	1		11/08/19 04:57	108-05-4	
Vinyl chloride	ND	mg/kg	0.0049	1		11/08/19 04:57	75-01-4	
Xylene (Total)	ND	mg/kg	0.0098	1		11/08/19 04:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	114	%.	77-131	1		11/08/19 04:57	1868-53-7	
Toluene-d8 (S)	117	%.	77-127	1		11/08/19 04:57	2037-26-5	
4-Bromofluorobenzene (S)	79	%.	65-119	1		11/08/19 04:57	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**12.1**	%	0.10	1		11/11/19 13:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (16-18) **Lab ID: 50240705004** Collected: 11/05/19 08:45 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.8**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:04	7440-38-2	
Barium	**79.1**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:04	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	11/07/19 06:12	11/07/19 15:04	7440-43-9	
Chromium	**12.9**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:04	7440-47-3	
Lead	**9.8**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:04	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:04	7782-49-2	
Silver	ND	mg/kg	0.52	1	11/07/19 06:12	11/07/19 15:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/10/19 23:35	11/11/19 11:19	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/11/19 12:15	11/11/19 22:42	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	1	11/11/19 12:15	11/11/19 22:42	321-60-8	
p-Terphenyl-d14 (S)	79	%.	16-117	1	11/11/19 12:15	11/11/19 22:42	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/08/19 05:30	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/08/19 05:30	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/08/19 05:30	107-13-1	
Benzene	ND	mg/kg	0.0052	1		11/08/19 05:30	71-43-2	
Bromobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	108-86-1	
Bromochloromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	75-27-4	
Bromoform	ND	mg/kg	0.0052	1		11/08/19 05:30	75-25-2	
Bromomethane	ND	mg/kg	0.0052	1		11/08/19 05:30	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/08/19 05:30	78-93-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (16-18) **Lab ID: 50240705004** Collected: 11/05/19 08:45 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/08/19 05:30	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	1		11/08/19 05:30	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	108-90-7	
Chloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	75-00-3	
Chloroform	ND	mg/kg	0.0052	1		11/08/19 05:30	67-66-3	
Chloromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0052	1		11/08/19 05:30	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0052	1		11/08/19 05:30	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0052	1		11/08/19 05:30	106-93-4	
Dibromomethane	ND	mg/kg	0.0052	1		11/08/19 05:30	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/08/19 05:30	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	1		11/08/19 05:30	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	1		11/08/19 05:30	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	1		11/08/19 05:30	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	1		11/08/19 05:30	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0052	1		11/08/19 05:30	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0052	1		11/08/19 05:30	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0052	1		11/08/19 05:30	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	1		11/08/19 05:30	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	1		11/08/19 05:30	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/08/19 05:30	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0052	1		11/08/19 05:30	87-68-3	
n-Hexane	ND	mg/kg	0.0052	1		11/08/19 05:30	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/08/19 05:30	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/08/19 05:30	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0052	1		11/08/19 05:30	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0052	1		11/08/19 05:30	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/08/19 05:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/08/19 05:30	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	1		11/08/19 05:30	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	103-65-1	
Styrene	ND	mg/kg	0.0052	1		11/08/19 05:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	1		11/08/19 05:30	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-6 (16-18) **Lab ID: 50240705004** Collected: 11/05/19 08:45 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0052	1		11/08/19 05:30	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	1		11/08/19 05:30	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	1		11/08/19 05:30	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	1		11/08/19 05:30	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0052	1		11/08/19 05:30	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0052	1		11/08/19 05:30	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/08/19 05:30	108-05-4	
Vinyl chloride	ND	mg/kg	0.0052	1		11/08/19 05:30	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/08/19 05:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%.	77-131	1		11/08/19 05:30	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	1		11/08/19 05:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	65-119	1		11/08/19 05:30	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.8**	%	0.10	1		11/11/19 13:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (4-6) **Lab ID: 50240705005** Collected: 11/05/19 09:03 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**236**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:06	7440-38-2	
Barium	**123**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:06	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:06	7440-43-9	
Chromium	**17.9**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:06	7440-47-3	
Lead	**37.9**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:06	7439-92-1	
Selenium	**2.0**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:06	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:06	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.27	1	11/10/19 23:35	11/11/19 11:22	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	83-32-9	
Acenaphthylene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	208-96-8	
Anthracene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	50-32-8	
Benzo(b)fluoranthene	**0.034**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	207-08-9	
Chrysene	**0.052**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	53-70-3	
Fluoranthene	**0.071**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	206-44-0	
Fluorene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	193-39-5	
1-Methylnaphthalene	**0.083**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	90-12-0	N2
2-Methylnaphthalene	**0.095**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	91-57-6	
Naphthalene	**0.058**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	91-20-3	ED
Phenanthrene	**0.18**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	85-01-8	
Pyrene	**0.064**	mg/kg	0.034	5	11/11/19 12:15	11/11/19 22:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	23-107	5	11/11/19 12:15	11/11/19 22:59	321-60-8	
p-Terphenyl-d14 (S)	55	%.	16-117	5	11/11/19 12:15	11/11/19 22:59	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/08/19 06:04	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/08/19 06:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/08/19 06:04	107-13-1	
Benzene	ND	mg/kg	0.0067	1		11/08/19 06:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	75-27-4	
Bromoform	ND	mg/kg	0.0067	1		11/08/19 06:04	75-25-2	
Bromomethane	ND	mg/kg	0.0067	1		11/08/19 06:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.033	1		11/08/19 06:04	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (4-6) **Lab ID: 50240705005** Collected: 11/05/19 09:03 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/08/19 06:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0067	1		11/08/19 06:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	108-90-7	
Chloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	75-00-3	
Chloroform	ND	mg/kg	0.0067	1		11/08/19 06:04	67-66-3	
Chloromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0067	1		11/08/19 06:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0067	1		11/08/19 06:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0067	1		11/08/19 06:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0067	1		11/08/19 06:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/08/19 06:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0067	1		11/08/19 06:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/08/19 06:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/08/19 06:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0067	1		11/08/19 06:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0067	1		11/08/19 06:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0067	1		11/08/19 06:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0067	1		11/08/19 06:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/08/19 06:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/08/19 06:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/08/19 06:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0067	1		11/08/19 06:04	87-68-3	
n-Hexane	ND	mg/kg	0.0067	1		11/08/19 06:04	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/08/19 06:04	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/08/19 06:04	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0067	1		11/08/19 06:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0067	1		11/08/19 06:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.027	1		11/08/19 06:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.033	1		11/08/19 06:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0067	1		11/08/19 06:04	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	103-65-1	
Styrene	ND	mg/kg	0.0067	1		11/08/19 06:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	79-34-5	
Tetrachloroethene	**0.038**	mg/kg	0.0067	1		11/08/19 06:04	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (4-6) **Lab ID: 50240705005** Collected: 11/05/19 09:03 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0067	1		11/08/19 06:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0067	1		11/08/19 06:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0067	1		11/08/19 06:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0067	1		11/08/19 06:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0067	1		11/08/19 06:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0067	1		11/08/19 06:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/08/19 06:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0067	1		11/08/19 06:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/08/19 06:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	117	%.	77-131	1		11/08/19 06:04	1868-53-7	
Toluene-d8 (S)	119	%.	77-127	1		11/08/19 06:04	2037-26-5	
4-Bromofluorobenzene (S)	75	%.	65-119	1		11/08/19 06:04	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**27.2**	%	0.10	1		11/11/19 13:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (24-26) **Lab ID: 50240705006** Collected: 11/05/19 09:36 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.3**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:08	7440-38-2	
Barium	**105**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:08	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	11/07/19 06:12	11/07/19 15:08	7440-43-9	
Chromium	**16.6**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:08	7440-47-3	
Lead	**11.1**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:08	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:08	7782-49-2	
Silver	ND	mg/kg	0.57	1	11/07/19 06:12	11/07/19 15:08	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/10/19 23:35	11/11/19 11:24	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	83-32-9	R1
Acenaphthylene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	208-96-8	R1
Anthracene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	120-12-7	R1
Benzo(a)anthracene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	56-55-3	R1
Benzo(a)pyrene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	50-32-8	R1
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	205-99-2	R1
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	191-24-2	R1
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	207-08-9	R1
Chrysene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	218-01-9	R1
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	53-70-3	R1
Fluoranthene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	206-44-0	R1
Fluorene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	86-73-7	R1
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	90-12-0	N2,R1
2-Methylnaphthalene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	91-57-6	R1
Naphthalene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	91-20-3	R1
Phenanthrene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	85-01-8	R1
Pyrene	ND	mg/kg	0.0062	1	11/11/19 12:15	11/11/19 23:15	129-00-0	R1
Surrogates								
2-Fluorobiphenyl (S)	82	%.	23-107	1	11/11/19 12:15	11/11/19 23:15	321-60-8	
p-Terphenyl-d14 (S)	84	%.	16-117	1	11/11/19 12:15	11/11/19 23:15	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/08/19 06:37	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/08/19 06:37	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/08/19 06:37	107-13-1	
Benzene	ND	mg/kg	0.0058	1		11/08/19 06:37	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		11/08/19 06:37	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		11/08/19 06:37	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/08/19 06:37	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (24-26) **Lab ID: 50240705006** Collected: 11/05/19 09:36 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/08/19 06:37	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		11/08/19 06:37	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	108-90-7	R1
Chloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		11/08/19 06:37	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		11/08/19 06:37	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	1		11/08/19 06:37	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		11/08/19 06:37	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		11/08/19 06:37	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/08/19 06:37	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		11/08/19 06:37	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/08/19 06:37	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/08/19 06:37	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		11/08/19 06:37	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		11/08/19 06:37	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		11/08/19 06:37	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		11/08/19 06:37	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/08/19 06:37	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/08/19 06:37	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/08/19 06:37	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		11/08/19 06:37	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		11/08/19 06:37	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/08/19 06:37	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/08/19 06:37	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		11/08/19 06:37	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		11/08/19 06:37	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/08/19 06:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/08/19 06:37	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		11/08/19 06:37	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	103-65-1	
Styrene	ND	mg/kg	0.0058	1		11/08/19 06:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	79-34-5	
Tetrachloroethene	**0.0061**	mg/kg	0.0058	1		11/08/19 06:37	127-18-4	R1

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-7 (24-26) **Lab ID: 50240705006** Collected: 11/05/19 09:36 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0058	1		11/08/19 06:37	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		11/08/19 06:37	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		11/08/19 06:37	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		11/08/19 06:37	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		11/08/19 06:37	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		11/08/19 06:37	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/08/19 06:37	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		11/08/19 06:37	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/08/19 06:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	77-131	1		11/08/19 06:37	1868-53-7	
Toluene-d8 (S)	103	%.	77-127	1		11/08/19 06:37	2037-26-5	
4-Bromofluorobenzene (S)	88	%.	65-119	1		11/08/19 06:37	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.4**	%	0.10	1		11/11/19 13:58		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (2-4) **Lab ID: 50240705007** Collected: 11/05/19 09:55 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**16.6**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:18	7440-38-2	
Barium	**147**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:18	7440-39-3	
Cadmium	**0.68**	mg/kg	0.56	1	11/07/19 06:12	11/07/19 15:18	7440-43-9	
Chromium	**19.6**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:18	7440-47-3	
Lead	**104**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:18	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:18	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/07/19 06:12	11/07/19 15:18	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.26	1	11/10/19 23:35	11/11/19 11:32	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.16**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	83-32-9	
Acenaphthylene	**0.32**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	208-96-8	
Anthracene	**0.47**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	120-12-7	
Benzo(a)anthracene	**1.9**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	56-55-3	
Benzo(a)pyrene	**2.4**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	50-32-8	
Benzo(b)fluoranthene	**2.7**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	205-99-2	
Benzo(g,h,i)perylene	**1.7**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	191-24-2	
Benzo(k)fluoranthene	**2.2**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	207-08-9	
Chrysene	**2.9**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	218-01-9	
Dibenz(a,h)anthracene	**0.51**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	53-70-3	
Fluoranthene	**6.8**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	206-44-0	
Fluorene	**0.16**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	86-73-7	
Indeno(1,2,3-cd)pyrene	**1.6**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	193-39-5	
1-Methylnaphthalene	**0.25**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	90-12-0	N2
2-Methylnaphthalene	**0.25**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	91-57-6	
Naphthalene	**0.24**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	91-20-3	ED
Phenanthrene	**4.8**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	85-01-8	
Pyrene	**5.7**	mg/kg	0.033	5	11/11/19 12:15	11/12/19 00:05	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	23-107	5	11/11/19 12:15	11/12/19 00:05	321-60-8	
p-Terphenyl-d14 (S)	67	%.	16-117	5	11/11/19 12:15	11/12/19 00:05	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/08/19 08:18	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/08/19 08:18	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/08/19 08:18	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/08/19 08:18	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/08/19 08:18	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/08/19 08:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/08/19 08:18	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (2-4) **Lab ID: 50240705007** Collected: 11/05/19 09:55 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/08/19 08:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/08/19 08:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/08/19 08:18	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/08/19 08:18	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/08/19 08:18	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/08/19 08:18	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/08/19 08:18	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/08/19 08:18	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 08:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 08:18	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/08/19 08:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 08:18	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 08:18	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/08/19 08:18	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 08:18	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 08:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/08/19 08:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/08/19 08:18	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/08/19 08:18	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/08/19 08:18	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/08/19 08:18	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/08/19 08:18	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/08/19 08:18	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/08/19 08:18	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/08/19 08:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/08/19 08:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/08/19 08:18	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/08/19 08:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/08/19 08:18	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (2-4) **Lab ID: 50240705007** Collected: 11/05/19 09:55 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0055	1		11/08/19 08:18	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/08/19 08:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/08/19 08:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/08/19 08:18	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/08/19 08:18	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/08/19 08:18	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/08/19 08:18	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/08/19 08:18	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/08/19 08:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	77-131	1		11/08/19 08:18	1868-53-7	
Toluene-d8 (S)	106	%.	77-127	1		11/08/19 08:18	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	65-119	1		11/08/19 08:18	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**23.6**	%	0.10	1		11/11/19 13:58		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (20-22) **Lab ID: 50240705008** Collected: 11/05/19 10:17 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.6**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:21	7440-38-2	
Barium	**82.2**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:21	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/07/19 06:12	11/07/19 15:21	7440-43-9	
Chromium	**13.0**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:21	7440-47-3	
Lead	**9.5**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:21	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:21	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/07/19 06:12	11/07/19 15:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/10/19 23:35	11/11/19 11:34	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	53-70-3	
Fluoranthene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	91-20-3	
Phenanthrene	**0.0079**	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	85-01-8	
Pyrene	ND	mg/kg	0.0059	1	11/11/19 12:15	11/12/19 12:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	1	11/11/19 12:15	11/12/19 12:34	321-60-8	
p-Terphenyl-d14 (S)	97	%.	16-117	1	11/11/19 12:15	11/12/19 12:34	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.097	1		11/08/19 08:52	67-64-1	
Acrolein	ND	mg/kg	0.097	1		11/08/19 08:52	107-02-8	
Acrylonitrile	ND	mg/kg	0.097	1		11/08/19 08:52	107-13-1	
Benzene	ND	mg/kg	0.0049	1		11/08/19 08:52	71-43-2	
Bromobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	108-86-1	
Bromochloromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	75-27-4	
Bromoform	ND	mg/kg	0.0049	1		11/08/19 08:52	75-25-2	
Bromomethane	ND	mg/kg	0.0049	1		11/08/19 08:52	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		11/08/19 08:52	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (20-22) **Lab ID: 50240705008** Collected: 11/05/19 10:17 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	98-06-6	
Carbon disulfide	ND	mg/kg	0.0097	1		11/08/19 08:52	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0049	1		11/08/19 08:52	56-23-5	
Chlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	108-90-7	
Chloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	75-00-3	
Chloroform	ND	mg/kg	0.0049	1		11/08/19 08:52	67-66-3	
Chloromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0049	1		11/08/19 08:52	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0049	1		11/08/19 08:52	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0049	1		11/08/19 08:52	106-93-4	
Dibromomethane	ND	mg/kg	0.0049	1		11/08/19 08:52	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.097	1		11/08/19 08:52	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 08:52	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 08:52	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/08/19 08:52	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 08:52	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 08:52	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0049	1		11/08/19 08:52	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 08:52	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 08:52	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/08/19 08:52	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.097	1		11/08/19 08:52	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0049	1		11/08/19 08:52	87-68-3	
n-Hexane	ND	mg/kg	0.0049	1		11/08/19 08:52	110-54-3	N2
2-Hexanone	ND	mg/kg	0.097	1		11/08/19 08:52	591-78-6	
Iodomethane	ND	mg/kg	0.097	1		11/08/19 08:52	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0049	1		11/08/19 08:52	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0049	1		11/08/19 08:52	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/08/19 08:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		11/08/19 08:52	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0049	1		11/08/19 08:52	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	103-65-1	
Styrene	ND	mg/kg	0.0049	1		11/08/19 08:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0049	1		11/08/19 08:52	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-8 (20-22) **Lab ID: 50240705008** Collected: 11/05/19 10:17 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0049	1		11/08/19 08:52	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0049	1		11/08/19 08:52	79-00-5	
Trichloroethene	ND	mg/kg	0.0049	1		11/08/19 08:52	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0049	1		11/08/19 08:52	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0049	1		11/08/19 08:52	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0049	1		11/08/19 08:52	108-67-8	
Vinyl acetate	ND	mg/kg	0.097	1		11/08/19 08:52	108-05-4	
Vinyl chloride	ND	mg/kg	0.0049	1		11/08/19 08:52	75-01-4	
Xylene (Total)	ND	mg/kg	0.0097	1		11/08/19 08:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/08/19 08:52	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	1		11/08/19 08:52	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	65-119	1		11/08/19 08:52	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.1**	%	0.10	1		11/11/19 13:58		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (2-4) **Lab ID: 50240705009** Collected: 11/05/19 11:05 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**56.2**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:23	7440-38-2	
Barium	**49.4**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:23	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:23	7440-43-9	
Chromium	**11.8**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:23	7440-47-3	
Lead	**67.4**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:23	7439-92-1	
Selenium	**4.0**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:23	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**5.0**	mg/kg	1.3	5	11/10/19 23:35	11/11/19 12:27	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	83-32-9	
Acenaphthylene	**0.068**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	208-96-8	
Anthracene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	120-12-7	
Benzo(a)anthracene	**0.15**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	56-55-3	
Benzo(a)pyrene	**0.14**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	50-32-8	
Benzo(b)fluoranthene	**0.13**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	205-99-2	
Benzo(g,h,i)perylene	**0.12**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	191-24-2	
Benzo(k)fluoranthene	**0.15**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	207-08-9	
Chrysene	**0.16**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	53-70-3	
Fluoranthene	**0.27**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	206-44-0	
Fluorene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.10**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	91-57-6	
Naphthalene	ND	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	91-20-3	ED
Phenanthrene	**0.11**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	85-01-8	
Pyrene	**0.24**	mg/kg	0.049	5	11/12/19 13:37	11/12/19 18:00	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	23-107	5	11/12/19 13:37	11/12/19 18:00	321-60-8	
p-Terphenyl-d14 (S)	64	%.	16-117	5	11/12/19 13:37	11/12/19 18:00	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.17	1		11/08/19 09:25	67-64-1	
Acrolein	ND	mg/kg	0.17	1		11/08/19 09:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.17	1		11/08/19 09:25	107-13-1	
Benzene	ND	mg/kg	0.0083	1		11/08/19 09:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	75-27-4	
Bromoform	ND	mg/kg	0.0083	1		11/08/19 09:25	75-25-2	
Bromomethane	ND	mg/kg	0.0083	1		11/08/19 09:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.042	1		11/08/19 09:25	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (2-4) **Lab ID: 50240705009** Collected: 11/05/19 11:05 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.017	1		11/08/19 09:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0083	1		11/08/19 09:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	108-90-7	
Chloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	75-00-3	
Chloroform	ND	mg/kg	0.0083	1		11/08/19 09:25	67-66-3	
Chloromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0083	1		11/08/19 09:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0083	1		11/08/19 09:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0083	1		11/08/19 09:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0083	1		11/08/19 09:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.17	1		11/08/19 09:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0083	1		11/08/19 09:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0083	1		11/08/19 09:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0083	1		11/08/19 09:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0083	1		11/08/19 09:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0083	1		11/08/19 09:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0083	1		11/08/19 09:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0083	1		11/08/19 09:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0083	1		11/08/19 09:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0083	1		11/08/19 09:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.17	1		11/08/19 09:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0083	1		11/08/19 09:25	87-68-3	
n-Hexane	ND	mg/kg	0.0083	1		11/08/19 09:25	110-54-3	N2
2-Hexanone	ND	mg/kg	0.17	1		11/08/19 09:25	591-78-6	
Iodomethane	ND	mg/kg	0.17	1		11/08/19 09:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0083	1		11/08/19 09:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0083	1		11/08/19 09:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.033	1		11/08/19 09:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.042	1		11/08/19 09:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0083	1		11/08/19 09:25	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	103-65-1	
Styrene	ND	mg/kg	0.0083	1		11/08/19 09:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0083	1		11/08/19 09:25	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (2-4) **Lab ID: 50240705009** Collected: 11/05/19 11:05 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0083	1		11/08/19 09:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0083	1		11/08/19 09:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0083	1		11/08/19 09:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0083	1		11/08/19 09:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0083	1		11/08/19 09:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0083	1		11/08/19 09:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.17	1		11/08/19 09:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0083	1		11/08/19 09:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.017	1		11/08/19 09:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	126	%.	77-131	1		11/08/19 09:25	1868-53-7	
Toluene-d8 (S)	156	%.	77-127	1		11/08/19 09:25	2037-26-5	S3
4-Bromofluorobenzene (S)	66	%.	65-119	1		11/08/19 09:25	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**23.2**	%	0.10	1		11/11/19 14:41		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (20-22) **Lab ID: 50240705010** Collected: 11/05/19 11:27 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.8**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:47	7440-38-2	
Barium	**82.2**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:47	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/07/19 06:12	11/07/19 15:47	7440-43-9	
Chromium	**11.8**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:47	7440-47-3	
Lead	**9.1**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:47	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:47	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/07/19 06:12	11/07/19 15:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/10/19 23:35	11/11/19 11:50	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 18:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	23-107	1	11/12/19 13:37	11/12/19 18:16	321-60-8	
p-Terphenyl-d14 (S)	76	%.	16-117	1	11/12/19 13:37	11/12/19 18:16	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/08/19 09:59	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/08/19 09:59	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/08/19 09:59	107-13-1	
Benzene	ND	mg/kg	0.0051	1		11/08/19 09:59	71-43-2	
Bromobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	108-86-1	
Bromochloromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	75-27-4	
Bromoform	ND	mg/kg	0.0051	1		11/08/19 09:59	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1		11/08/19 09:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/08/19 09:59	78-93-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (20-22) **Lab ID: 50240705010** Collected: 11/05/19 11:27 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/08/19 09:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1		11/08/19 09:59	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	75-00-3	
Chloroform	ND	mg/kg	0.0051	1		11/08/19 09:59	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0051	1		11/08/19 09:59	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0051	1		11/08/19 09:59	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0051	1		11/08/19 09:59	106-93-4	
Dibromomethane	ND	mg/kg	0.0051	1		11/08/19 09:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/08/19 09:59	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0051	1		11/08/19 09:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/08/19 09:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/08/19 09:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1		11/08/19 09:59	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0051	1		11/08/19 09:59	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0051	1		11/08/19 09:59	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0051	1		11/08/19 09:59	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/08/19 09:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/08/19 09:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/08/19 09:59	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0051	1		11/08/19 09:59	87-68-3	
n-Hexane	ND	mg/kg	0.0051	1		11/08/19 09:59	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/08/19 09:59	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/08/19 09:59	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0051	1		11/08/19 09:59	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0051	1		11/08/19 09:59	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/08/19 09:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/08/19 09:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1		11/08/19 09:59	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	103-65-1	
Styrene	ND	mg/kg	0.0051	1		11/08/19 09:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0051	1		11/08/19 09:59	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-9 (20-22) **Lab ID: 50240705010** Collected: 11/05/19 11:27 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0051	1		11/08/19 09:59	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1		11/08/19 09:59	79-00-5	
Trichloroethene	ND	mg/kg	0.0051	1		11/08/19 09:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1		11/08/19 09:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0051	1		11/08/19 09:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0051	1		11/08/19 09:59	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/08/19 09:59	108-05-4	
Vinyl chloride	ND	mg/kg	0.0051	1		11/08/19 09:59	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/08/19 09:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	77-131	1		11/08/19 09:59	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	1		11/08/19 09:59	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	65-119	1		11/08/19 09:59	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.8**	%	0.10	1		11/11/19 14:41		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (0-2) **Lab ID: 50240705011** Collected: 11/05/19 11:58 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.5**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:49	7440-38-2	
Barium	**366**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:49	7440-39-3	
Cadmium	**2.3**	mg/kg	0.56	1	11/07/19 06:12	11/07/19 15:49	7440-43-9	
Chromium	**42.3**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:49	7440-47-3	
Lead	**2680**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:49	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:49	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/07/19 06:12	11/07/19 15:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/10/19 23:35	11/11/19 11:52	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.034**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	83-32-9	
Acenaphthylene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	208-96-8	
Anthracene	**0.14**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	120-12-7	
Benzo(a)anthracene	**0.41**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	56-55-3	
Benzo(a)pyrene	**0.41**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	50-32-8	
Benzo(b)fluoranthene	**0.43**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	205-99-2	
Benzo(g,h,i)perylene	**0.30**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	191-24-2	
Benzo(k)fluoranthene	**0.44**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	207-08-9	
Chrysene	**0.47**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	218-01-9	
Dibenz(a,h)anthracene	**0.11**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	53-70-3	
Fluoranthene	**0.96**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	206-44-0	
Fluorene	**0.033**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.27**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	91-57-6	
Naphthalene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	91-20-3	ED
Phenanthrene	**0.49**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	85-01-8	
Pyrene	**0.78**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	5	11/12/19 13:37	11/12/19 19:06	321-60-8	
p-Terphenyl-d14 (S)	78	%.	16-117	5	11/12/19 13:37	11/12/19 19:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.087	1		11/08/19 10:33	67-64-1	
Acrolein	ND	mg/kg	0.087	1		11/08/19 10:33	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		11/08/19 10:33	107-13-1	
Benzene	ND	mg/kg	0.0044	1		11/08/19 10:33	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		11/08/19 10:33	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		11/08/19 10:33	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		11/08/19 10:33	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (0-2) **Lab ID: 50240705011** Collected: 11/05/19 11:58 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		11/08/19 10:33	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		11/08/19 10:33	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		11/08/19 10:33	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		11/08/19 10:33	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		11/08/19 10:33	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		11/08/19 10:33	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		11/08/19 10:33	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		11/08/19 10:33	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		11/08/19 10:33	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/08/19 10:33	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/08/19 10:33	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		11/08/19 10:33	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		11/08/19 10:33	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		11/08/19 10:33	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		11/08/19 10:33	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/08/19 10:33	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/08/19 10:33	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		11/08/19 10:33	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		11/08/19 10:33	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		11/08/19 10:33	110-54-3	N2
2-Hexanone	ND	mg/kg	0.087	1		11/08/19 10:33	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		11/08/19 10:33	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		11/08/19 10:33	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		11/08/19 10:33	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		11/08/19 10:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		11/08/19 10:33	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		11/08/19 10:33	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	103-65-1	
Styrene	ND	mg/kg	0.0044	1		11/08/19 10:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		11/08/19 10:33	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (0-2) **Lab ID: 50240705011** Collected: 11/05/19 11:58 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		11/08/19 10:33	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		11/08/19 10:33	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		11/08/19 10:33	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		11/08/19 10:33	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		11/08/19 10:33	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		11/08/19 10:33	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		11/08/19 10:33	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		11/08/19 10:33	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		11/08/19 10:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/08/19 10:33	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/08/19 10:33	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	65-119	1		11/08/19 10:33	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.1**	%	0.10	1		11/11/19 14:41		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (2-4) **Lab ID: 50240705012** Collected: 11/05/19 12:10 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**14.5**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:51	7440-38-2	
Barium	**75.1**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:51	7440-39-3	
Cadmium	**0.74**	mg/kg	0.52	1	11/07/19 06:12	11/07/19 15:51	7440-43-9	
Chromium	**8.9**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:51	7440-47-3	
Lead	**52.9**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:51	7439-92-1	
Selenium	**1.4**	mg/kg	1.0	1	11/07/19 06:12	11/07/19 15:51	7782-49-2	
Silver	ND	mg/kg	0.52	1	11/07/19 06:12	11/07/19 15:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/10/19 23:35	11/11/19 11:54	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.096**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	83-32-9	
Acenaphthylene	**0.071**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	208-96-8	
Anthracene	**0.20**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	120-12-7	
Benzo(a)anthracene	**0.38**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	56-55-3	
Benzo(a)pyrene	**0.19**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	50-32-8	
Benzo(b)fluoranthene	**0.19**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	205-99-2	
Benzo(g,h,i)perylene	**0.20**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	191-24-2	
Benzo(k)fluoranthene	**0.18**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	207-08-9	
Chrysene	**0.58**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	218-01-9	
Dibenz(a,h)anthracene	**0.079**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	53-70-3	
Fluoranthene	**0.61**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	206-44-0	
Fluorene	**0.10**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.10**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	193-39-5	
1-Methylnaphthalene	**0.68**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	90-12-0	N2
2-Methylnaphthalene	**0.79**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	91-57-6	
Naphthalene	**0.38**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	91-20-3	ED
Phenanthrene	**1.6**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	85-01-8	
Pyrene	**1.3**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 19:22	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	5	11/12/19 13:37	11/12/19 19:22	321-60-8	
p-Terphenyl-d14 (S)	85	%.	16-117	5	11/12/19 13:37	11/12/19 19:22	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.18	1		11/08/19 11:07	67-64-1	
Acrolein	ND	mg/kg	0.18	1		11/08/19 11:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.18	1		11/08/19 11:07	107-13-1	
Benzene	ND	mg/kg	0.0090	1		11/08/19 11:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	75-27-4	
Bromoform	ND	mg/kg	0.0090	1		11/08/19 11:07	75-25-2	
Bromomethane	ND	mg/kg	0.0090	1		11/08/19 11:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.045	1		11/08/19 11:07	78-93-3	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (2-4) **Lab ID: 50240705012** Collected: 11/05/19 12:10 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	98-06-6	
Carbon disulfide	ND	mg/kg	0.018	1		11/08/19 11:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0090	1		11/08/19 11:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	108-90-7	
Chloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	75-00-3	
Chloroform	ND	mg/kg	0.0090	1		11/08/19 11:07	67-66-3	
Chloromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0090	1		11/08/19 11:07	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0090	1		11/08/19 11:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0090	1		11/08/19 11:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0090	1		11/08/19 11:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.18	1		11/08/19 11:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0090	1		11/08/19 11:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0090	1		11/08/19 11:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0090	1		11/08/19 11:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0090	1		11/08/19 11:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0090	1		11/08/19 11:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0090	1		11/08/19 11:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0090	1		11/08/19 11:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0090	1		11/08/19 11:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0090	1		11/08/19 11:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.18	1		11/08/19 11:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0090	1		11/08/19 11:07	87-68-3	
n-Hexane	ND	mg/kg	0.0090	1		11/08/19 11:07	110-54-3	N2
2-Hexanone	ND	mg/kg	0.18	1		11/08/19 11:07	591-78-6	
Iodomethane	ND	mg/kg	0.18	1		11/08/19 11:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0090	1		11/08/19 11:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0090	1		11/08/19 11:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.036	1		11/08/19 11:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.045	1		11/08/19 11:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0090	1		11/08/19 11:07	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	103-65-1	
Styrene	ND	mg/kg	0.0090	1		11/08/19 11:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0090	1		11/08/19 11:07	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-10 (2-4) **Lab ID: 50240705012** Collected: 11/05/19 12:10 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0090	1		11/08/19 11:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0090	1		11/08/19 11:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0090	1		11/08/19 11:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0090	1		11/08/19 11:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0090	1		11/08/19 11:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0090	1		11/08/19 11:07	108-67-8	
Vinyl acetate	ND	mg/kg	0.18	1		11/08/19 11:07	108-05-4	
Vinyl chloride	ND	mg/kg	0.0090	1		11/08/19 11:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.018	1		11/08/19 11:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	77-131	1		11/08/19 11:07	1868-53-7	
Toluene-d8 (S)	131	%.	77-127	1		11/08/19 11:07	2037-26-5	S3
4-Bromofluorobenzene (S)	71	%.	65-119	1		11/08/19 11:07	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.4**	%	0.10	1		11/11/19 14:42		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (0-2) **Lab ID: 50240705013** Collected: 11/05/19 12:30 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**10.4**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:53	7440-38-2	
Barium	**190**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:53	7440-39-3	
Cadmium	**0.88**	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:53	7440-43-9	
Chromium	**21.0**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:53	7440-47-3	
Lead	**46.4**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:53	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:53	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/10/19 23:35	11/11/19 11:57	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	208-96-8	
Anthracene	ND	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	120-12-7	
Benzo(a)anthracene	**0.061**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	56-55-3	
Benzo(a)pyrene	**0.059**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	50-32-8	
Benzo(b)fluoranthene	**0.055**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	205-99-2	
Benzo(g,h,i)perylene	**0.058**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	191-24-2	
Benzo(k)fluoranthene	**0.058**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	207-08-9	
Chrysene	**0.077**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	53-70-3	
Fluoranthene	**0.11**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	206-44-0	
Fluorene	ND	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.034**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	193-39-5	
1-Methylnaphthalene	**0.069**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	90-12-0	N2
2-Methylnaphthalene	**0.092**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	91-57-6	
Naphthalene	**0.051**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	91-20-3	ED
Phenanthrene	**0.15**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	85-01-8	
Pyrene	**0.12**	mg/kg	0.031	5	11/12/19 13:37	11/12/19 19:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	92	%.	23-107	5	11/12/19 13:37	11/12/19 19:38	321-60-8	
p-Terphenyl-d14 (S)	87	%.	16-117	5	11/12/19 13:37	11/12/19 19:38	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.16	1		11/08/19 11:41	67-64-1	
Acrolein	ND	mg/kg	0.16	1		11/08/19 11:41	107-02-8	
Acrylonitrile	ND	mg/kg	0.16	1		11/08/19 11:41	107-13-1	
Benzene	ND	mg/kg	0.0082	1		11/08/19 11:41	71-43-2	
Bromobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	108-86-1	
Bromochloromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	75-27-4	
Bromoform	ND	mg/kg	0.0082	1		11/08/19 11:41	75-25-2	
Bromomethane	ND	mg/kg	0.0082	1		11/08/19 11:41	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.041	1		11/08/19 11:41	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (0-2) **Lab ID: 50240705013** Collected: 11/05/19 12:30 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	98-06-6	
Carbon disulfide	ND	mg/kg	0.016	1		11/08/19 11:41	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0082	1		11/08/19 11:41	56-23-5	
Chlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	108-90-7	
Chloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	75-00-3	
Chloroform	ND	mg/kg	0.0082	1		11/08/19 11:41	67-66-3	
Chloromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0082	1		11/08/19 11:41	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0082	1		11/08/19 11:41	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0082	1		11/08/19 11:41	106-93-4	
Dibromomethane	ND	mg/kg	0.0082	1		11/08/19 11:41	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.16	1		11/08/19 11:41	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0082	1		11/08/19 11:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0082	1		11/08/19 11:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0082	1		11/08/19 11:41	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0082	1		11/08/19 11:41	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0082	1		11/08/19 11:41	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0082	1		11/08/19 11:41	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0082	1		11/08/19 11:41	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0082	1		11/08/19 11:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0082	1		11/08/19 11:41	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.16	1		11/08/19 11:41	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0082	1		11/08/19 11:41	87-68-3	
n-Hexane	ND	mg/kg	0.0082	1		11/08/19 11:41	110-54-3	N2
2-Hexanone	ND	mg/kg	0.16	1		11/08/19 11:41	591-78-6	
Iodomethane	ND	mg/kg	0.16	1		11/08/19 11:41	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0082	1		11/08/19 11:41	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0082	1		11/08/19 11:41	99-87-6	
Methylene Chloride	ND	mg/kg	0.033	1		11/08/19 11:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.041	1		11/08/19 11:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0082	1		11/08/19 11:41	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	103-65-1	
Styrene	ND	mg/kg	0.0082	1		11/08/19 11:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0082	1		11/08/19 11:41	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (0-2) **Lab ID: 50240705013** Collected: 11/05/19 12:30 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0082	1		11/08/19 11:41	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0082	1		11/08/19 11:41	79-00-5	
Trichloroethene	ND	mg/kg	0.0082	1		11/08/19 11:41	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0082	1		11/08/19 11:41	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0082	1		11/08/19 11:41	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0082	1		11/08/19 11:41	108-67-8	
Vinyl acetate	ND	mg/kg	0.16	1		11/08/19 11:41	108-05-4	
Vinyl chloride	ND	mg/kg	0.0082	1		11/08/19 11:41	75-01-4	
Xylene (Total)	ND	mg/kg	0.016	1		11/08/19 11:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	112	%.	77-131	1		11/08/19 11:41	1868-53-7	
Toluene-d8 (S)	108	%.	77-127	1		11/08/19 11:41	2037-26-5	
4-Bromofluorobenzene (S)	83	%.	65-119	1		11/08/19 11:41	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.8**	%	0.10	1		11/11/19 14:42		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (24-26) **Lab ID: 50240705014** Collected: 11/05/19 13:00 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**11.0**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:55	7440-38-2	
Barium	**108**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:55	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:55	7440-43-9	
Chromium	**14.1**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:55	7440-47-3	
Lead	**32.1**	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:55	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/07/19 06:12	11/07/19 15:55	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/07/19 06:12	11/07/19 15:55	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.26	1	11/10/19 23:35	11/11/19 11:59	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	208-96-8	
Anthracene	**0.033**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	120-12-7	
Benzo(a)anthracene	**0.075**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	56-55-3	
Benzo(a)pyrene	**0.053**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	50-32-8	
Benzo(b)fluoranthene	**0.042**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	205-99-2	
Benzo(g,h,i)perylene	**0.028**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	191-24-2	
Benzo(k)fluoranthene	**0.042**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	207-08-9	
Chrysene	**0.073**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	218-01-9	
Dibenz(a,h)anthracene	**0.012**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	53-70-3	
Fluoranthene	**0.11**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	206-44-0	
Fluorene	**0.0097**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.020**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	193-39-5	
1-Methylnaphthalene	**0.013**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	90-12-0	N2
2-Methylnaphthalene	**0.018**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	91-57-6	
Naphthalene	**0.0097**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	91-20-3	
Phenanthrene	**0.11**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	85-01-8	
Pyrene	**0.11**	mg/kg	0.0062	1	11/12/19 13:37	11/12/19 19:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	23-107	1	11/12/19 13:37	11/12/19 19:55	321-60-8	
p-Terphenyl-d14 (S)	60	%.	16-117	1	11/12/19 13:37	11/12/19 19:55	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/08/19 15:34	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/08/19 15:34	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/08/19 15:34	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/08/19 15:34	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/08/19 15:34	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/08/19 15:34	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/08/19 15:34	78-93-3	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (24-26) **Lab ID: 50240705014** Collected: 11/05/19 13:00 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/08/19 15:34	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/08/19 15:34	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/08/19 15:34	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/08/19 15:34	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/08/19 15:34	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/08/19 15:34	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/08/19 15:34	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/08/19 15:34	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 15:34	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 15:34	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/08/19 15:34	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 15:34	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 15:34	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/08/19 15:34	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 15:34	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 15:34	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/08/19 15:34	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/08/19 15:34	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/08/19 15:34	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/08/19 15:34	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/08/19 15:34	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/08/19 15:34	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/08/19 15:34	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/08/19 15:34	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/08/19 15:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/08/19 15:34	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/08/19 15:34	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/08/19 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1		11/08/19 15:34	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-11 (24-26) **Lab ID: 50240705014** Collected: 11/05/19 13:00 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0053	1		11/08/19 15:34	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/08/19 15:34	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1		11/08/19 15:34	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/08/19 15:34	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/08/19 15:34	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/08/19 15:34	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/08/19 15:34	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/08/19 15:34	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/08/19 15:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	77-131	1		11/08/19 15:34	1868-53-7	
Toluene-d8 (S)	113	%.	77-127	1		11/08/19 15:34	2037-26-5	
4-Bromofluorobenzene (S)	85	%.	65-119	1		11/08/19 15:34	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**20.2**	%	0.10	1		11/11/19 14:42		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (0-2) **Lab ID: 50240705015** Collected: 11/05/19 13:52 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**19.7**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:57	7440-38-2	
Barium	**161**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:57	7440-39-3	
Cadmium	**0.76**	mg/kg	0.53	1	11/07/19 06:12	11/07/19 15:57	7440-43-9	
Chromium	**25.2**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:57	7440-47-3	
Lead	**96.8**	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:57	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/07/19 06:12	11/07/19 15:57	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/07/19 06:12	11/07/19 15:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.28**	mg/kg	0.24	1	11/10/19 23:35	11/11/19 12:02	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	83-32-9	
Acenaphthylene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	208-96-8	
Anthracene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	120-12-7	
Benzo(a)anthracene	**0.078**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	56-55-3	
Benzo(a)pyrene	**0.059**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	50-32-8	
Benzo(b)fluoranthene	**0.064**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	205-99-2	
Benzo(g,h,i)perylene	**0.047**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	191-24-2	
Benzo(k)fluoranthene	**0.056**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	207-08-9	
Chrysene	**0.11**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	53-70-3	
Fluoranthene	**0.13**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	206-44-0	
Fluorene	ND	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.033**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	193-39-5	
1-Methylnaphthalene	**0.076**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	90-12-0	N2
2-Methylnaphthalene	**0.092**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	91-57-6	
Naphthalene	**0.036**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	91-20-3	ED
Phenanthrene	**0.21**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	85-01-8	
Pyrene	**0.15**	mg/kg	0.029	5	11/12/19 13:37	11/12/19 20:11	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	23-107	5	11/12/19 13:37	11/12/19 20:11	321-60-8	
p-Terphenyl-d14 (S)	77	%.	16-117	5	11/12/19 13:37	11/12/19 20:11	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/08/19 16:07	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/08/19 16:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/08/19 16:07	107-13-1	
Benzene	ND	mg/kg	0.0060	1		11/08/19 16:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	75-27-4	
Bromoform	ND	mg/kg	0.0060	1		11/08/19 16:07	75-25-2	
Bromomethane	ND	mg/kg	0.0060	1		11/08/19 16:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		11/08/19 16:07	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (0-2) **Lab ID: 50240705015** Collected: 11/05/19 13:52 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	98-06-6	
Carbon disulfide	**0.012**	mg/kg	0.012	1		11/08/19 16:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0060	1		11/08/19 16:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	108-90-7	
Chloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	75-00-3	
Chloroform	ND	mg/kg	0.0060	1		11/08/19 16:07	67-66-3	
Chloromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0060	1		11/08/19 16:07	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0060	1		11/08/19 16:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0060	1		11/08/19 16:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0060	1		11/08/19 16:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/08/19 16:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0060	1		11/08/19 16:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0060	1		11/08/19 16:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0060	1		11/08/19 16:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0060	1		11/08/19 16:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0060	1		11/08/19 16:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0060	1		11/08/19 16:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0060	1		11/08/19 16:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0060	1		11/08/19 16:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0060	1		11/08/19 16:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/08/19 16:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0060	1		11/08/19 16:07	87-68-3	
n-Hexane	ND	mg/kg	0.0060	1		11/08/19 16:07	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/08/19 16:07	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/08/19 16:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0060	1		11/08/19 16:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0060	1		11/08/19 16:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		11/08/19 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		11/08/19 16:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0060	1		11/08/19 16:07	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	103-65-1	
Styrene	ND	mg/kg	0.0060	1		11/08/19 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0060	1		11/08/19 16:07	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (0-2) **Lab ID: 50240705015** Collected: 11/05/19 13:52 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0060	1		11/08/19 16:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0060	1		11/08/19 16:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0060	1		11/08/19 16:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0060	1		11/08/19 16:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0060	1		11/08/19 16:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0060	1		11/08/19 16:07	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/08/19 16:07	108-05-4	
Vinyl chloride	ND	mg/kg	0.0060	1		11/08/19 16:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/08/19 16:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	117	%.	77-131	1		11/08/19 16:07	1868-53-7	
Toluene-d8 (S)	133	%.	77-127	1		11/08/19 16:07	2037-26-5	S2
4-Bromofluorobenzene (S)	69	%.	65-119	1		11/08/19 16:07	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.1**	%	0.10	1		11/11/19 14:42		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (28-30) **Lab ID: 50240705016** Collected: 11/05/19 14:12 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.3**	mg/kg	0.92	1	11/07/19 06:12	11/07/19 15:59	7440-38-2	
Barium	**125**	mg/kg	0.92	1	11/07/19 06:12	11/07/19 15:59	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	11/07/19 06:12	11/07/19 15:59	7440-43-9	
Chromium	**7.7**	mg/kg	0.92	1	11/07/19 06:12	11/07/19 15:59	7440-47-3	
Lead	**3.0**	mg/kg	0.92	1	11/07/19 06:12	11/07/19 15:59	7439-92-1	
Selenium	ND	mg/kg	0.92	1	11/07/19 06:12	11/07/19 15:59	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/07/19 06:12	11/07/19 15:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/10/19 23:35	11/11/19 12:04	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	91-20-3	
Phenanthrene	**0.0066**	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	11/12/19 13:37	11/12/19 20:28	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	23-107	1	11/12/19 13:37	11/12/19 20:28	321-60-8	
p-Terphenyl-d14 (S)	69	%.	16-117	1	11/12/19 13:37	11/12/19 20:28	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.093	1		11/08/19 16:41	67-64-1	
Acrolein	ND	mg/kg	0.093	1		11/08/19 16:41	107-02-8	
Acrylonitrile	ND	mg/kg	0.093	1		11/08/19 16:41	107-13-1	
Benzene	ND	mg/kg	0.0046	1		11/08/19 16:41	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	75-27-4	
Bromoform	ND	mg/kg	0.0046	1		11/08/19 16:41	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1		11/08/19 16:41	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/08/19 16:41	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (28-30) **Lab ID: 50240705016** Collected: 11/05/19 14:12 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	98-06-6	
Carbon disulfide	ND	mg/kg	0.0093	1		11/08/19 16:41	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1		11/08/19 16:41	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	75-00-3	
Chloroform	ND	mg/kg	0.0046	1		11/08/19 16:41	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	1		11/08/19 16:41	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	1		11/08/19 16:41	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	1		11/08/19 16:41	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	1		11/08/19 16:41	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.093	1		11/08/19 16:41	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1		11/08/19 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/08/19 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/08/19 16:41	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1		11/08/19 16:41	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	1		11/08/19 16:41	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	1		11/08/19 16:41	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	1		11/08/19 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/08/19 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/08/19 16:41	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.093	1		11/08/19 16:41	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	1		11/08/19 16:41	87-68-3	
n-Hexane	ND	mg/kg	0.0046	1		11/08/19 16:41	110-54-3	N2
2-Hexanone	ND	mg/kg	0.093	1		11/08/19 16:41	591-78-6	
Iodomethane	ND	mg/kg	0.093	1		11/08/19 16:41	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	1		11/08/19 16:41	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	1		11/08/19 16:41	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/08/19 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/08/19 16:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1		11/08/19 16:41	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	103-65-1	
Styrene	ND	mg/kg	0.0046	1		11/08/19 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1		11/08/19 16:41	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-12 (28-30) **Lab ID: 50240705016** Collected: 11/05/19 14:12 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0046	1		11/08/19 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1		11/08/19 16:41	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1		11/08/19 16:41	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1		11/08/19 16:41	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	1		11/08/19 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	1		11/08/19 16:41	108-67-8	
Vinyl acetate	ND	mg/kg	0.093	1		11/08/19 16:41	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	1		11/08/19 16:41	75-01-4	
Xylene (Total)	ND	mg/kg	0.0093	1		11/08/19 16:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%.	77-131	1		11/08/19 16:41	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	1		11/08/19 16:41	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	65-119	1		11/08/19 16:41	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**4.5**	%	0.10	1		11/11/19 14:42		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB 1 **Lab ID: 50240705017** Collected: 11/05/19 08:00 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/08/19 20:02	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/08/19 20:02	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/08/19 20:02	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/08/19 20:02	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/08/19 20:02	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/08/19 20:02	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/08/19 20:02	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/08/19 20:02	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/08/19 20:02	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/08/19 20:02	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/08/19 20:02	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/08/19 20:02	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/08/19 20:02	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/08/19 20:02	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/08/19 20:02	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/08/19 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/08/19 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/08/19 20:02	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/08/19 20:02	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/08/19 20:02	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/08/19 20:02	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/08/19 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/08/19 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/08/19 20:02	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/08/19 20:02	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/08/19 20:02	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/08/19 20:02	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/08/19 20:02	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/08/19 20:02	74-88-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB 1 **Lab ID: 50240705017** Collected: 11/05/19 08:00 Received: 11/06/19 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/08/19 20:02	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/08/19 20:02	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/08/19 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/08/19 20:02	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/08/19 20:02	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/08/19 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/08/19 20:02	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/08/19 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/08/19 20:02	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/08/19 20:02	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/08/19 20:02	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/08/19 20:02	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/08/19 20:02	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/08/19 20:02	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/08/19 20:02	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/08/19 20:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	77-131	1		11/08/19 20:02	1868-53-7	
Toluene-d8 (S)	94	%.	77-127	1		11/08/19 20:02	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/08/19 20:02	460-00-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (0-2) **Lab ID: 50240870001** Collected: 11/05/19 15:30 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**10.8**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:04	7440-38-2	
Barium	**61.3**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:04	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	11/11/19 06:13	11/11/19 15:04	7440-43-9	
Chromium	**12.2**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:04	7440-47-3	
Lead	**10.4**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:04	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:04	7782-49-2	
Silver	ND	mg/kg	0.52	1	11/11/19 06:13	11/11/19 15:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:48	11/12/19 10:27	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	53-70-3	
Fluoranthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	90-12-0	N2
2-Methylnaphthalene	**0.0066**	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	91-20-3	
Phenanthrene	**0.017**	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	85-01-8	
Pyrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 21:50	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	1	11/12/19 13:37	11/12/19 21:50	321-60-8	
p-Terphenyl-d14 (S)	83	%.	16-117	1	11/12/19 13:37	11/12/19 21:50	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 03:51	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 03:51	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 03:51	107-13-1	
Benzene	ND	mg/kg	0.0056	1		11/12/19 03:51	71-43-2	
Bromobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	108-86-1	
Bromochloromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	75-27-4	
Bromoform	ND	mg/kg	0.0056	1		11/12/19 03:51	75-25-2	
Bromomethane	ND	mg/kg	0.0056	1		11/12/19 03:51	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/12/19 03:51	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (0-2) **Lab ID: 50240870001** Collected: 11/05/19 15:30 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 03:51	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0056	1		11/12/19 03:51	56-23-5	
Chlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	108-90-7	
Chloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	75-00-3	
Chloroform	ND	mg/kg	0.0056	1		11/12/19 03:51	67-66-3	
Chloromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0056	1		11/12/19 03:51	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0056	1		11/12/19 03:51	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0056	1		11/12/19 03:51	106-93-4	
Dibromomethane	ND	mg/kg	0.0056	1		11/12/19 03:51	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 03:51	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 03:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 03:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 03:51	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 03:51	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 03:51	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 03:51	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 03:51	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 03:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 03:51	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 03:51	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0056	1		11/12/19 03:51	87-68-3	
n-Hexane	ND	mg/kg	0.0056	1		11/12/19 03:51	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 03:51	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 03:51	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0056	1		11/12/19 03:51	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0056	1		11/12/19 03:51	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/12/19 03:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/12/19 03:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0056	1		11/12/19 03:51	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	103-65-1	
Styrene	ND	mg/kg	0.0056	1		11/12/19 03:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0056	1		11/12/19 03:51	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (0-2) **Lab ID: 50240870001** Collected: 11/05/19 15:30 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0056	1		11/12/19 03:51	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0056	1		11/12/19 03:51	79-00-5	
Trichloroethene	ND	mg/kg	0.0056	1		11/12/19 03:51	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0056	1		11/12/19 03:51	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0056	1		11/12/19 03:51	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0056	1		11/12/19 03:51	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 03:51	108-05-4	
Vinyl chloride	ND	mg/kg	0.0056	1		11/12/19 03:51	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 03:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	88	%.	77-131	1		11/12/19 03:51	1868-53-7	
Toluene-d8 (S)	96	%.	77-127	1		11/12/19 03:51	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	65-119	1		11/12/19 03:51	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.8**	%	0.10	1		11/12/19 10:54		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (28-30) **Lab ID: 50240870002** Collected: 11/05/19 15:45 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.2**	mg/kg	0.91	1	11/11/19 06:13	11/11/19 15:07	7440-38-2	
Barium	**88.8**	mg/kg	0.91	1	11/11/19 06:13	11/11/19 15:07	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	11/11/19 06:13	11/11/19 15:07	7440-43-9	
Chromium	**6.1**	mg/kg	0.91	1	11/11/19 06:13	11/11/19 15:07	7440-47-3	
Lead	**3.3**	mg/kg	0.91	1	11/11/19 06:13	11/11/19 15:07	7439-92-1	
Selenium	ND	mg/kg	0.91	1	11/11/19 06:13	11/11/19 15:07	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/11/19 06:13	11/11/19 15:07	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/12/19 02:48	11/12/19 10:29	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.0080**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	208-96-8	
Anthracene	**0.020**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	53-70-3	
Fluoranthene	**0.0065**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	206-44-0	
Fluorene	**0.014**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	193-39-5	
1-Methylnaphthalene	**0.0068**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	90-12-0	N2
2-Methylnaphthalene	**0.019**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	91-57-6	
Naphthalene	**0.036**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	91-20-3	
Phenanthrene	**0.025**	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	11/12/19 13:37	11/12/19 22:07	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	89	%.	23-107	1	11/12/19 13:37	11/12/19 22:07	321-60-8	
p-Terphenyl-d14 (S)	93	%.	16-117	1	11/12/19 13:37	11/12/19 22:07	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.091	1		11/12/19 04:26	67-64-1	
Acrolein	ND	mg/kg	0.091	1		11/12/19 04:26	107-02-8	
Acrylonitrile	ND	mg/kg	0.091	1		11/12/19 04:26	107-13-1	
Benzene	ND	mg/kg	0.0045	1		11/12/19 04:26	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		11/12/19 04:26	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		11/12/19 04:26	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/12/19 04:26	78-93-3	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (28-30) **Lab ID: 50240870002** Collected: 11/05/19 15:45 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	98-06-6	
Carbon disulfide	ND	mg/kg	0.0091	1		11/12/19 04:26	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		11/12/19 04:26	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		11/12/19 04:26	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		11/12/19 04:26	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		11/12/19 04:26	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		11/12/19 04:26	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		11/12/19 04:26	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.091	1		11/12/19 04:26	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		11/12/19 04:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		11/12/19 04:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		11/12/19 04:26	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		11/12/19 04:26	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		11/12/19 04:26	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		11/12/19 04:26	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		11/12/19 04:26	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		11/12/19 04:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		11/12/19 04:26	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.091	1		11/12/19 04:26	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		11/12/19 04:26	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		11/12/19 04:26	110-54-3	N2
2-Hexanone	ND	mg/kg	0.091	1		11/12/19 04:26	591-78-6	
Iodomethane	ND	mg/kg	0.091	1		11/12/19 04:26	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		11/12/19 04:26	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		11/12/19 04:26	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/12/19 04:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/12/19 04:26	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		11/12/19 04:26	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	103-65-1	
Styrene	ND	mg/kg	0.0045	1		11/12/19 04:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1		11/12/19 04:26	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-13 (28-30) **Lab ID: 50240870002** Collected: 11/05/19 15:45 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0045	1		11/12/19 04:26	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		11/12/19 04:26	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1		11/12/19 04:26	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		11/12/19 04:26	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		11/12/19 04:26	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		11/12/19 04:26	108-67-8	
Vinyl acetate	ND	mg/kg	0.091	1		11/12/19 04:26	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		11/12/19 04:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.0091	1		11/12/19 04:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	112	%.	77-131	1		11/12/19 04:26	1868-53-7	
Toluene-d8 (S)	95	%.	77-127	1		11/12/19 04:26	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	65-119	1		11/12/19 04:26	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**6.3**	%	0.10	1		11/12/19 10:54		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (0-2) **Lab ID: 50240870003** Collected: 11/05/19 16:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**11.0**	mg/kg	0.98	1	11/11/19 06:13	11/11/19 15:09	7440-38-2	
Barium	**67.3**	mg/kg	0.98	1	11/11/19 06:13	11/11/19 15:09	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	11/11/19 06:13	11/11/19 15:09	7440-43-9	
Chromium	**10.4**	mg/kg	0.98	1	11/11/19 06:13	11/11/19 15:09	7440-47-3	
Lead	**10.9**	mg/kg	0.98	1	11/11/19 06:13	11/11/19 15:09	7439-92-1	
Selenium	ND	mg/kg	0.98	1	11/11/19 06:13	11/11/19 15:09	7782-49-2	
Silver	ND	mg/kg	0.49	1	11/11/19 06:13	11/11/19 15:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/12/19 02:48	11/12/19 10:31	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	83-32-9	
Acenaphthylene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	208-96-8	
Anthracene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	205-99-2	
Benzo(g,h,i)perylene	**0.0059**	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	207-08-9	
Chrysene	**0.0060**	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	53-70-3	
Fluoranthene	**0.0060**	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	206-44-0	
Fluorene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	91-57-6	
Naphthalene	ND	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	91-20-3	
Phenanthrene	**0.016**	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	85-01-8	
Pyrene	**0.0067**	mg/kg	0.0054	1	11/12/19 13:37	11/13/19 15:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	23-107	1	11/12/19 13:37	11/13/19 15:12	321-60-8	
p-Terphenyl-d14 (S)	69	%.	16-117	1	11/12/19 13:37	11/13/19 15:12	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/12/19 05:00	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/12/19 05:00	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/12/19 05:00	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/12/19 05:00	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/12/19 05:00	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/12/19 05:00	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/12/19 05:00	78-93-3	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (0-2) **Lab ID: 50240870003** Collected: 11/05/19 16:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/12/19 05:00	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/12/19 05:00	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/12/19 05:00	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 05:00	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 05:00	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/12/19 05:00	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/12/19 05:00	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/12/19 05:00	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 05:00	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 05:00	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 05:00	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 05:00	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 05:00	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 05:00	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 05:00	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 05:00	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 05:00	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/12/19 05:00	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/12/19 05:00	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/12/19 05:00	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/12/19 05:00	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/12/19 05:00	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/12/19 05:00	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/12/19 05:00	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/12/19 05:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/12/19 05:00	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/12/19 05:00	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/12/19 05:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/12/19 05:00	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (0-2) **Lab ID: 50240870003** Collected: 11/05/19 16:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		11/12/19 05:00	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 05:00	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/12/19 05:00	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/12/19 05:00	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/12/19 05:00	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 05:00	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/12/19 05:00	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/12/19 05:00	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/12/19 05:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	77-131	1		11/12/19 05:00	1868-53-7	
Toluene-d8 (S)	94	%.	77-127	1		11/12/19 05:00	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	65-119	1		11/12/19 05:00	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**9.5**	%	0.10	1		11/12/19 10:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (28-30) **Lab ID: 50240870004** Collected: 11/05/19 16:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.6**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:11	7440-38-2	
Barium	**80.2**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:11	7440-39-3	
Cadmium	**0.56**	mg/kg	0.52	1	11/11/19 06:13	11/11/19 15:11	7440-43-9	
Chromium	**13.2**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:11	7440-47-3	
Lead	**9.4**	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:11	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/11/19 06:13	11/11/19 15:11	7782-49-2	
Silver	ND	mg/kg	0.52	1	11/11/19 06:13	11/11/19 15:11	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:48	11/12/19 10:34	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:40	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	23-107	1	11/12/19 13:37	11/12/19 22:40	321-60-8	
p-Terphenyl-d14 (S)	83	%.	16-117	1	11/12/19 13:37	11/12/19 22:40	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 05:35	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 05:35	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 05:35	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/12/19 05:35	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/12/19 05:35	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/12/19 05:35	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/12/19 05:35	78-93-3	

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (28-30) **Lab ID: 50240870004** Collected: 11/05/19 16:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 05:35	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/12/19 05:35	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/12/19 05:35	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/12/19 05:35	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/12/19 05:35	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/12/19 05:35	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/12/19 05:35	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 05:35	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 05:35	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 05:35	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/12/19 05:35	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 05:35	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 05:35	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/12/19 05:35	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 05:35	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 05:35	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/12/19 05:35	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 05:35	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/12/19 05:35	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/12/19 05:35	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 05:35	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 05:35	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/12/19 05:35	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/12/19 05:35	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/12/19 05:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/12/19 05:35	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/12/19 05:35	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/12/19 05:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/12/19 05:35	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-14 (28-30) **Lab ID: 50240870004** Collected: 11/05/19 16:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0055	1		11/12/19 05:35	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/12/19 05:35	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/12/19 05:35	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/12/19 05:35	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/12/19 05:35	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/12/19 05:35	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 05:35	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/12/19 05:35	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 05:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	77-131	1		11/12/19 05:35	1868-53-7	
Toluene-d8 (S)	108	%.	77-127	1		11/12/19 05:35	2037-26-5	
4-Bromofluorobenzene (S)	73	%.	65-119	1		11/12/19 05:35	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.0**	%	0.10	1		11/12/19 10:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (0-2) **Lab ID: 50240870005** Collected: 11/06/19 08:13 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	120	1	11/12/19 09:54	11/13/19 07:22	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	78	%.	26-140	1	11/12/19 09:54	11/13/19 07:22	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.9**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:13	7440-38-2	
Barium	**108**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:13	7440-39-3	
Cadmium	ND	mg/kg	0.56	1	11/11/19 06:13	11/11/19 15:13	7440-43-9	
Chromium	**12.5**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:13	7440-47-3	
Lead	**3.4**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:13	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:13	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/11/19 06:13	11/11/19 15:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:48	11/12/19 10:36	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	11/12/19 13:37	11/12/19 22:56	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	23-107	1	11/12/19 13:37	11/12/19 22:56	321-60-8	
p-Terphenyl-d14 (S)	68	%.	16-117	1	11/12/19 13:37	11/12/19 22:56	1718-51-0	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (0-2) **Lab ID: 50240870005** Collected: 11/06/19 08:13 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/12/19 06:10	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/12/19 06:10	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/12/19 06:10	107-13-1	
Benzene	ND	mg/kg	0.0063	1		11/12/19 06:10	71-43-2	
Bromobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	108-86-1	
Bromochloromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	75-27-4	
Bromoform	ND	mg/kg	0.0063	1		11/12/19 06:10	75-25-2	
Bromomethane	ND	mg/kg	0.0063	1		11/12/19 06:10	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.032	1		11/12/19 06:10	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/12/19 06:10	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0063	1		11/12/19 06:10	56-23-5	
Chlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	108-90-7	
Chloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	75-00-3	
Chloroform	ND	mg/kg	0.0063	1		11/12/19 06:10	67-66-3	
Chloromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0063	1		11/12/19 06:10	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0063	1		11/12/19 06:10	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0063	1		11/12/19 06:10	106-93-4	
Dibromomethane	ND	mg/kg	0.0063	1		11/12/19 06:10	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/12/19 06:10	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0063	1		11/12/19 06:10	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0063	1		11/12/19 06:10	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0063	1		11/12/19 06:10	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0063	1		11/12/19 06:10	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0063	1		11/12/19 06:10	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0063	1		11/12/19 06:10	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0063	1		11/12/19 06:10	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0063	1		11/12/19 06:10	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0063	1		11/12/19 06:10	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/12/19 06:10	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0063	1		11/12/19 06:10	87-68-3	
n-Hexane	ND	mg/kg	0.0063	1		11/12/19 06:10	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/12/19 06:10	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/12/19 06:10	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (0-2) **Lab ID: 50240870005** Collected: 11/06/19 08:13 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0063	1		11/12/19 06:10	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0063	1		11/12/19 06:10	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		11/12/19 06:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/12/19 06:10	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0063	1		11/12/19 06:10	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	103-65-1	
Styrene	ND	mg/kg	0.0063	1		11/12/19 06:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0063	1		11/12/19 06:10	127-18-4	
Toluene	ND	mg/kg	0.0063	1		11/12/19 06:10	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0063	1		11/12/19 06:10	79-00-5	
Trichloroethene	ND	mg/kg	0.0063	1		11/12/19 06:10	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0063	1		11/12/19 06:10	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0063	1		11/12/19 06:10	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0063	1		11/12/19 06:10	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/12/19 06:10	108-05-4	
Vinyl chloride	ND	mg/kg	0.0063	1		11/12/19 06:10	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/12/19 06:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	77-131	1		11/12/19 06:10	1868-53-7	
Toluene-d8 (S)	94	%.	77-127	1		11/12/19 06:10	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	65-119	1		11/12/19 06:10	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.7**	%	0.10	1		11/12/19 10:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (6-8) **Lab ID: 50240870006** Collected: 11/06/19 08:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	133	1	11/12/19 09:54	11/13/19 07:31	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	67	%.	26-140	1	11/12/19 09:54	11/13/19 07:31	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**18.6**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:15	7440-38-2	
Barium	**38.1**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:15	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	11/11/19 06:13	11/11/19 15:15	7440-43-9	
Chromium	**16.1**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:15	7440-47-3	
Lead	**9.5**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:15	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:15	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/11/19 06:13	11/11/19 15:15	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.27	1	11/12/19 02:48	11/12/19 10:46	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	83-32-9	
Acenaphthylene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	208-96-8	
Anthracene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	207-08-9	
Chrysene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	53-70-3	
Fluoranthene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	206-44-0	
Fluorene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	91-57-6	
Naphthalene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	91-20-3	
Phenanthrene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	85-01-8	
Pyrene	ND	mg/kg	0.0066	1	11/12/19 13:37	11/12/19 23:13	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	88	%.	23-107	1	11/12/19 13:37	11/12/19 23:13	321-60-8	
p-Terphenyl-d14 (S)	86	%.	16-117	1	11/12/19 13:37	11/12/19 23:13	1718-51-0	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (6-8) **Lab ID: 50240870006** Collected: 11/06/19 08:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 06:44	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 06:44	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 06:44	107-13-1	
Benzene	ND	mg/kg	0.0056	1		11/12/19 06:44	71-43-2	
Bromobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	108-86-1	
Bromochloromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	75-27-4	
Bromoform	ND	mg/kg	0.0056	1		11/12/19 06:44	75-25-2	
Bromomethane	ND	mg/kg	0.0056	1		11/12/19 06:44	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/12/19 06:44	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 06:44	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0056	1		11/12/19 06:44	56-23-5	
Chlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	108-90-7	
Chloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	75-00-3	
Chloroform	ND	mg/kg	0.0056	1		11/12/19 06:44	67-66-3	
Chloromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0056	1		11/12/19 06:44	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0056	1		11/12/19 06:44	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0056	1		11/12/19 06:44	106-93-4	
Dibromomethane	ND	mg/kg	0.0056	1		11/12/19 06:44	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 06:44	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 06:44	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 06:44	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0056	1		11/12/19 06:44	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 06:44	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 06:44	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0056	1		11/12/19 06:44	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 06:44	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 06:44	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0056	1		11/12/19 06:44	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 06:44	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0056	1		11/12/19 06:44	87-68-3	
n-Hexane	ND	mg/kg	0.0056	1		11/12/19 06:44	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 06:44	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 06:44	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-15 (6-8) **Lab ID: 50240870006** Collected: 11/06/19 08:25 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0056	1		11/12/19 06:44	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0056	1		11/12/19 06:44	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/12/19 06:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/12/19 06:44	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0056	1		11/12/19 06:44	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	103-65-1	
Styrene	ND	mg/kg	0.0056	1		11/12/19 06:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0056	1		11/12/19 06:44	127-18-4	
Toluene	ND	mg/kg	0.0056	1		11/12/19 06:44	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0056	1		11/12/19 06:44	79-00-5	
Trichloroethene	ND	mg/kg	0.0056	1		11/12/19 06:44	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0056	1		11/12/19 06:44	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0056	1		11/12/19 06:44	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0056	1		11/12/19 06:44	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 06:44	108-05-4	
Vinyl chloride	ND	mg/kg	0.0056	1		11/12/19 06:44	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 06:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	77-131	1		11/12/19 06:44	1868-53-7	
Toluene-d8 (S)	94	%.	77-127	1		11/12/19 06:44	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	65-119	1		11/12/19 06:44	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**25.0**	%	0.10	1		11/12/19 10:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (0-2) **Lab ID: 50240870007** Collected: 11/06/19 09:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.5**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:17	7440-38-2	
Barium	**85.3**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:17	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	11/11/19 06:13	11/11/19 15:17	7440-43-9	
Chromium	**14.3**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:17	7440-47-3	
Lead	**7.5**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:17	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:17	7782-49-2	
Silver	ND	mg/kg	0.57	1	11/11/19 06:13	11/11/19 15:17	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:48	11/12/19 10:49	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	53-70-3	
Fluoranthene	**0.0083**	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	91-20-3	
Phenanthrene	ND	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	85-01-8	
Pyrene	**0.0067**	mg/kg	0.0059	1	11/12/19 13:37	11/12/19 23:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	85	%.	23-107	1	11/12/19 13:37	11/12/19 23:29	321-60-8	
p-Terphenyl-d14 (S)	71	%.	16-117	1	11/12/19 13:37	11/12/19 23:29	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/12/19 07:19	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/12/19 07:19	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/12/19 07:19	107-13-1	
Benzene	ND	mg/kg	0.0065	1		11/12/19 07:19	71-43-2	
Bromobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	108-86-1	
Bromochloromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	75-27-4	
Bromoform	ND	mg/kg	0.0065	1		11/12/19 07:19	75-25-2	
Bromomethane	ND	mg/kg	0.0065	1		11/12/19 07:19	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.032	1		11/12/19 07:19	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (0-2) **Lab ID: 50240870007** Collected: 11/06/19 09:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/12/19 07:19	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0065	1		11/12/19 07:19	56-23-5	
Chlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	108-90-7	
Chloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	75-00-3	
Chloroform	ND	mg/kg	0.0065	1		11/12/19 07:19	67-66-3	
Chloromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0065	1		11/12/19 07:19	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0065	1		11/12/19 07:19	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0065	1		11/12/19 07:19	106-93-4	
Dibromomethane	ND	mg/kg	0.0065	1		11/12/19 07:19	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/12/19 07:19	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0065	1		11/12/19 07:19	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0065	1		11/12/19 07:19	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0065	1		11/12/19 07:19	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0065	1		11/12/19 07:19	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0065	1		11/12/19 07:19	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0065	1		11/12/19 07:19	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0065	1		11/12/19 07:19	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0065	1		11/12/19 07:19	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0065	1		11/12/19 07:19	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/12/19 07:19	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0065	1		11/12/19 07:19	87-68-3	
n-Hexane	ND	mg/kg	0.0065	1		11/12/19 07:19	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/12/19 07:19	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/12/19 07:19	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0065	1		11/12/19 07:19	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0065	1		11/12/19 07:19	99-87-6	
Methylene Chloride	ND	mg/kg	0.026	1		11/12/19 07:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/12/19 07:19	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0065	1		11/12/19 07:19	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	103-65-1	
Styrene	ND	mg/kg	0.0065	1		11/12/19 07:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0065	1		11/12/19 07:19	127-18-4	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (0-2) **Lab ID: 50240870007** Collected: 11/06/19 09:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0065	1		11/12/19 07:19	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0065	1		11/12/19 07:19	79-00-5	
Trichloroethene	ND	mg/kg	0.0065	1		11/12/19 07:19	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0065	1		11/12/19 07:19	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0065	1		11/12/19 07:19	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0065	1		11/12/19 07:19	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/12/19 07:19	108-05-4	
Vinyl chloride	ND	mg/kg	0.0065	1		11/12/19 07:19	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/12/19 07:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	77-131	1		11/12/19 07:19	1868-53-7	
Toluene-d8 (S)	92	%.	77-127	1		11/12/19 07:19	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	65-119	1		11/12/19 07:19	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.2**	%	0.10	1		11/12/19 11:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (7-9) **Lab ID: 50240870008** Collected: 11/06/19 09:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**18.4**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:20	7440-38-2	
Barium	**66.7**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:20	7440-39-3	
Cadmium	ND	mg/kg	0.58	1	11/11/19 06:13	11/11/19 15:20	7440-43-9	
Chromium	**9.7**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:20	7440-47-3	
Lead	**24.6**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:20	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:20	7782-49-2	
Silver	ND	mg/kg	0.58	1	11/11/19 06:13	11/11/19 15:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/12/19 02:48	11/12/19 10:51	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/13/19 06:52	11/14/19 16:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	23-107	1	11/13/19 06:52	11/14/19 16:52	321-60-8	
p-Terphenyl-d14 (S)	75	%.	16-117	1	11/13/19 06:52	11/14/19 16:52	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/12/19 07:54	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/12/19 07:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/12/19 07:54	107-13-1	
Benzene	ND	mg/kg	0.0059	1		11/12/19 07:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	75-27-4	
Bromoform	ND	mg/kg	0.0059	1		11/12/19 07:54	75-25-2	
Bromomethane	ND	mg/kg	0.0059	1		11/12/19 07:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		11/12/19 07:54	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (7-9) **Lab ID: 50240870008** Collected: 11/06/19 09:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/12/19 07:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	1		11/12/19 07:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	108-90-7	
Chloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	75-00-3	
Chloroform	ND	mg/kg	0.0059	1		11/12/19 07:54	67-66-3	
Chloromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	1		11/12/19 07:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	1		11/12/19 07:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	1		11/12/19 07:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	1		11/12/19 07:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/12/19 07:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	1		11/12/19 07:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/12/19 07:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/12/19 07:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	1		11/12/19 07:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	1		11/12/19 07:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	1		11/12/19 07:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	1		11/12/19 07:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/12/19 07:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/12/19 07:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/12/19 07:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	1		11/12/19 07:54	87-68-3	
n-Hexane	ND	mg/kg	0.0059	1		11/12/19 07:54	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/12/19 07:54	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/12/19 07:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	1		11/12/19 07:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	1		11/12/19 07:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		11/12/19 07:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		11/12/19 07:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	1		11/12/19 07:54	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	103-65-1	
Styrene	ND	mg/kg	0.0059	1		11/12/19 07:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	1		11/12/19 07:54	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-16 (7-9) **Lab ID: 50240870008** Collected: 11/06/19 09:10 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0059	1		11/12/19 07:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	1		11/12/19 07:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	1		11/12/19 07:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	1		11/12/19 07:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	1		11/12/19 07:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	1		11/12/19 07:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/12/19 07:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	1		11/12/19 07:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/12/19 07:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	77-131	1		11/12/19 07:54	1868-53-7	
Toluene-d8 (S)	92	%.	77-127	1		11/12/19 07:54	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	65-119	1		11/12/19 07:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.3**	%	0.10	1		11/12/19 11:55		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (8-10) **Lab ID: 50240870009** Collected: 11/06/19 11:20 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**16.0**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:22	7440-38-2	
Barium	**87.0**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:22	7440-39-3	
Cadmium	ND	mg/kg	0.59	1	11/11/19 06:13	11/11/19 15:22	7440-43-9	
Chromium	**11.1**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:22	7440-47-3	
Lead	**26.3**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:22	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:22	7782-49-2	
Silver	ND	mg/kg	0.59	1	11/11/19 06:13	11/11/19 15:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.26	1	11/12/19 02:48	11/12/19 10:53	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.10**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	83-32-9	
Acenaphthylene	ND	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	208-96-8	
Anthracene	**0.079**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	120-12-7	
Benzo(a)anthracene	**0.039**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	56-55-3	
Benzo(a)pyrene	**0.016**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	205-99-2	
Benzo(g,h,i)perylene	**0.012**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	207-08-9	
Chrysene	**0.051**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	53-70-3	
Fluoranthene	**0.077**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	206-44-0	
Fluorene	**0.11**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	193-39-5	
1-Methylnaphthalene	**0.10**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	90-12-0	N2
2-Methylnaphthalene	**0.12**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	91-57-6	
Naphthalene	**0.036**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	91-20-3	
Phenanthrene	**0.21**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	85-01-8	
Pyrene	**0.095**	mg/kg	0.0066	1	11/18/19 10:05	11/18/19 17:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	23-107	1	11/18/19 10:05	11/18/19 17:52	321-60-8	
p-Terphenyl-d14 (S)	64	%.	16-117	1	11/18/19 10:05	11/18/19 17:52	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 08:28	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 08:28	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 08:28	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/12/19 08:28	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/12/19 08:28	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/12/19 08:28	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/12/19 08:28	78-93-3	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (8-10) **Lab ID: 50240870009** Collected: 11/06/19 11:20 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 08:28	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/12/19 08:28	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/12/19 08:28	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/12/19 08:28	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/12/19 08:28	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/12/19 08:28	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/12/19 08:28	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 08:28	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/12/19 08:28	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/12/19 08:28	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/12/19 08:28	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1		11/12/19 08:28	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/12/19 08:28	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/12/19 08:28	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/12/19 08:28	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/12/19 08:28	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/12/19 08:28	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 08:28	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/12/19 08:28	87-68-3	
n-Hexane	ND	mg/kg	0.0057	1		11/12/19 08:28	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 08:28	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/12/19 08:28	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	1		11/12/19 08:28	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	1		11/12/19 08:28	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/12/19 08:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/12/19 08:28	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/12/19 08:28	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/12/19 08:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/12/19 08:28	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (8-10) **Lab ID: 50240870009** Collected: 11/06/19 11:20 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0057	1		11/12/19 08:28	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/12/19 08:28	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/12/19 08:28	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/12/19 08:28	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/12/19 08:28	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	1		11/12/19 08:28	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 08:28	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/12/19 08:28	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 08:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	77-131	1		11/12/19 08:28	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/12/19 08:28	2037-26-5	
4-Bromofluorobenzene (S)	82	%.	65-119	1		11/12/19 08:28	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**24.8**	%	0.10	1		11/12/19 11:56		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (18-20) **Lab ID: 50240870010** Collected: 11/06/19 11:50 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.0**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:28	7440-38-2	
Barium	**45.2**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:28	7440-39-3	
Cadmium	ND	mg/kg	0.60	1	11/11/19 06:13	11/11/19 15:28	7440-43-9	
Chromium	**16.6**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:28	7440-47-3	
Lead	**11.7**	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:28	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/11/19 06:13	11/11/19 15:28	7782-49-2	
Silver	ND	mg/kg	0.60	1	11/11/19 06:13	11/11/19 15:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:48	11/12/19 10:56	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	91-57-6	
Naphthalene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	91-20-3	
Phenanthrene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	11/13/19 06:52	11/14/19 17:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	83	%.	23-107	1	11/13/19 06:52	11/14/19 17:25	321-60-8	
p-Terphenyl-d14 (S)	80	%.	16-117	1	11/13/19 06:52	11/14/19 17:25	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/12/19 00:47	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/12/19 00:47	107-02-8	R1
Acrylonitrile	ND	mg/kg	0.11	1		11/12/19 00:47	107-13-1	R1
Benzene	ND	mg/kg	0.0054	1		11/12/19 00:47	71-43-2	R1
Bromobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	108-86-1	R1
Bromochloromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	75-27-4	R1
Bromoform	ND	mg/kg	0.0054	1		11/12/19 00:47	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		11/12/19 00:47	74-83-9	R1
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/12/19 00:47	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (18-20) **Lab ID: 50240870010** Collected: 11/06/19 11:50 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	104-51-8	R1
sec-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	135-98-8	R1
tert-Butylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/12/19 00:47	75-15-0	R1
Carbon tetrachloride	ND	mg/kg	0.0054	1		11/12/19 00:47	56-23-5	R1
Chlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	108-90-7	R1
Chloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		11/12/19 00:47	67-66-3	R1
Chloromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		11/12/19 00:47	95-49-8	R1
4-Chlorotoluene	ND	mg/kg	0.0054	1		11/12/19 00:47	106-43-4	R1
Dibromochloromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	124-48-1	R1
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		11/12/19 00:47	106-93-4	R1
Dibromomethane	ND	mg/kg	0.0054	1		11/12/19 00:47	74-95-3	R1
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	95-50-1	R1
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	541-73-1	R1
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	106-46-7	R1
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/12/19 00:47	110-57-6	R1
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	107-06-2	R1
1,1-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 00:47	75-35-4	R1
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 00:47	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/12/19 00:47	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 00:47	78-87-5	R1
1,3-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 00:47	142-28-9	R1
2,2-Dichloropropane	ND	mg/kg	0.0054	1		11/12/19 00:47	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 00:47	563-58-6	R1
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 00:47	10061-01-5	R1
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/12/19 00:47	10061-02-6	R1
Ethylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	100-41-4	R1
Ethyl methacrylate	ND	mg/kg	0.11	1		11/12/19 00:47	97-63-2	R1
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		11/12/19 00:47	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		11/12/19 00:47	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/12/19 00:47	591-78-6	R1
Iodomethane	ND	mg/kg	0.11	1		11/12/19 00:47	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		11/12/19 00:47	98-82-8	R1
p-Isopropyltoluene	ND	mg/kg	0.0054	1		11/12/19 00:47	99-87-6	R1
Methylene Chloride	ND	mg/kg	0.021	1		11/12/19 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/12/19 00:47	108-10-1	R1
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		11/12/19 00:47	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	103-65-1	R1
Styrene	ND	mg/kg	0.0054	1		11/12/19 00:47	100-42-5	R1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	630-20-6	R1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	79-34-5	R1
Tetrachloroethene	ND	mg/kg	0.0054	1		11/12/19 00:47	127-18-4	R1

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-17 (18-20) **Lab ID: 50240870010** Collected: 11/06/19 11:50 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0054	1		11/12/19 00:47	108-88-3	R1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	87-61-6	R1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	71-55-6	R1
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		11/12/19 00:47	79-00-5	R1
Trichloroethene	ND	mg/kg	0.0054	1		11/12/19 00:47	79-01-6	R1
Trichlorofluoromethane	ND	mg/kg	0.0054	1		11/12/19 00:47	75-69-4	R1
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		11/12/19 00:47	96-18-4	R1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	95-63-6	R1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		11/12/19 00:47	108-67-8	R1
Vinyl acetate	ND	mg/kg	0.11	1		11/12/19 00:47	108-05-4	R1
Vinyl chloride	ND	mg/kg	0.0054	1		11/12/19 00:47	75-01-4	R1
Xylene (Total)	ND	mg/kg	0.011	1		11/12/19 00:47	1330-20-7	RS
Surrogates								
Dibromofluoromethane (S)	99	%.	77-131	1		11/12/19 00:47	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/12/19 00:47	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	65-119	1		11/12/19 00:47	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**21.4**	%	0.10	1		11/12/19 11:56		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Trip Blank 2 **Lab ID: 50240870011** Collected: 11/06/19 07:30 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/12/19 09:03	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/12/19 09:03	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/12/19 09:03	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/12/19 09:03	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/12/19 09:03	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/12/19 09:03	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/12/19 09:03	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/12/19 09:03	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/12/19 09:03	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/12/19 09:03	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 09:03	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/12/19 09:03	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/12/19 09:03	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/12/19 09:03	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/12/19 09:03	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 09:03	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 09:03	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/12/19 09:03	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 09:03	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 09:03	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/12/19 09:03	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 09:03	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 09:03	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/12/19 09:03	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/12/19 09:03	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/12/19 09:03	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/12/19 09:03	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/12/19 09:03	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/12/19 09:03	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Trip Blank 2 **Lab ID: 50240870011** Collected: 11/06/19 07:30 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/12/19 09:03	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/12/19 09:03	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/12/19 09:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/12/19 09:03	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/12/19 09:03	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/12/19 09:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/12/19 09:03	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/12/19 09:03	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/12/19 09:03	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/12/19 09:03	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/12/19 09:03	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/12/19 09:03	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/12/19 09:03	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/12/19 09:03	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/12/19 09:03	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/12/19 09:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	77-131	1		11/12/19 09:03	1868-53-7	
Toluene-d8 (S)	91	%.	77-127	1		11/12/19 09:03	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	65-119	1		11/12/19 09:03	460-00-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 2 **Lab ID: 50240870012** Collected: 11/06/19 08:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**10.5**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:41	7440-38-2	
Barium	**83.3**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:41	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/11/19 06:13	11/11/19 15:41	7440-43-9	
Chromium	**14.7**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:41	7440-47-3	
Lead	**7.0**	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:41	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/11/19 06:13	11/11/19 15:41	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/11/19 06:13	11/11/19 15:41	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/12/19 02:48	11/12/19 11:03	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	53-70-3	
Fluoranthene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	91-20-3	
Phenanthrene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	85-01-8	
Pyrene	ND	mg/kg	0.0059	1	11/13/19 06:52	11/14/19 18:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	23-107	1	11/13/19 06:52	11/14/19 18:14	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-117	1	11/13/19 06:52	11/14/19 18:14	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/12/19 09:38	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/12/19 09:38	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/12/19 09:38	107-13-1	
Benzene	ND	mg/kg	0.0060	1		11/12/19 09:38	71-43-2	
Bromobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	108-86-1	
Bromochloromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	75-27-4	
Bromoform	ND	mg/kg	0.0060	1		11/12/19 09:38	75-25-2	
Bromomethane	ND	mg/kg	0.0060	1		11/12/19 09:38	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		11/12/19 09:38	78-93-3	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 2 **Lab ID: 50240870012** Collected: 11/06/19 08:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/12/19 09:38	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0060	1		11/12/19 09:38	56-23-5	
Chlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	108-90-7	
Chloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	75-00-3	
Chloroform	ND	mg/kg	0.0060	1		11/12/19 09:38	67-66-3	
Chloromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0060	1		11/12/19 09:38	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0060	1		11/12/19 09:38	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0060	1		11/12/19 09:38	106-93-4	
Dibromomethane	ND	mg/kg	0.0060	1		11/12/19 09:38	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/12/19 09:38	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0060	1		11/12/19 09:38	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0060	1		11/12/19 09:38	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0060	1		11/12/19 09:38	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0060	1		11/12/19 09:38	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0060	1		11/12/19 09:38	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0060	1		11/12/19 09:38	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0060	1		11/12/19 09:38	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0060	1		11/12/19 09:38	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0060	1		11/12/19 09:38	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/12/19 09:38	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0060	1		11/12/19 09:38	87-68-3	
n-Hexane	ND	mg/kg	0.0060	1		11/12/19 09:38	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/12/19 09:38	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/12/19 09:38	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0060	1		11/12/19 09:38	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0060	1		11/12/19 09:38	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		11/12/19 09:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		11/12/19 09:38	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0060	1		11/12/19 09:38	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	103-65-1	
Styrene	ND	mg/kg	0.0060	1		11/12/19 09:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0060	1		11/12/19 09:38	127-18-4	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 2 **Lab ID: 50240870012** Collected: 11/06/19 08:00 Received: 11/07/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0060	1		11/12/19 09:38	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0060	1		11/12/19 09:38	79-00-5	
Trichloroethene	ND	mg/kg	0.0060	1		11/12/19 09:38	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0060	1		11/12/19 09:38	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0060	1		11/12/19 09:38	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0060	1		11/12/19 09:38	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/12/19 09:38	108-05-4	
Vinyl chloride	ND	mg/kg	0.0060	1		11/12/19 09:38	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/12/19 09:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	77-131	1		11/12/19 09:38	1868-53-7	
Toluene-d8 (S)	91	%.	77-127	1		11/12/19 09:38	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	65-119	1		11/12/19 09:38	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.1**	%	0.10	1		11/12/19 11:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (2-4) **Lab ID: 50241137001** Collected: 11/07/19 10:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**23.2**	mg/kg	1.0	1	11/12/19 09:05	11/13/19 12:22	7440-38-2	
Barium	**51.9**	mg/kg	1.0	1	11/12/19 09:05	11/13/19 12:22	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	11/12/19 09:05	11/13/19 12:22	7440-43-9	
Chromium	**10.1**	mg/kg	1.0	1	11/12/19 09:05	11/13/19 12:22	7440-47-3	
Lead	**16.8**	mg/kg	1.0	1	11/12/19 09:05	11/13/19 12:22	7439-92-1	
Selenium	**1.6**	mg/kg	1.0	1	11/12/19 09:05	11/13/19 12:22	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/12/19 09:05	11/13/19 12:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:50	11/12/19 13:09	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	83-32-9	
Acenaphthylene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	208-96-8	
Anthracene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	50-32-8	R1
Benzo(b)fluoranthene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	207-08-9	
Chrysene	**0.043**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	53-70-3	R1
Fluoranthene	**0.070**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	206-44-0	
Fluorene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	193-39-5	R1
1-Methylnaphthalene	**0.044**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	90-12-0	N2
2-Methylnaphthalene	**0.057**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	91-57-6	
Naphthalene	**0.12**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	91-20-3	
Phenanthrene	**0.15**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	85-01-8	
Pyrene	**0.063**	mg/kg	0.030	5	11/13/19 12:25	11/14/19 23:26	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	5	11/13/19 12:25	11/14/19 23:26	321-60-8	
p-Terphenyl-d14 (S)	62	%.	16-117	5	11/13/19 12:25	11/14/19 23:26	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.19	1		11/13/19 11:25	67-64-1	
Acrolein	ND	mg/kg	0.19	1		11/13/19 11:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.19	1		11/13/19 11:25	107-13-1	
Benzene	ND	mg/kg	0.0094	1		11/13/19 11:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	75-27-4	
Bromoform	ND	mg/kg	0.0094	1		11/13/19 11:25	75-25-2	
Bromomethane	ND	mg/kg	0.0094	1		11/13/19 11:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.047	1		11/13/19 11:25	78-93-3	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (2-4) **Lab ID: 50241137001** Collected: 11/07/19 10:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.019	1		11/13/19 11:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0094	1		11/13/19 11:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	108-90-7	
Chloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	75-00-3	
Chloroform	ND	mg/kg	0.0094	1		11/13/19 11:25	67-66-3	
Chloromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0094	1		11/13/19 11:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0094	1		11/13/19 11:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0094	1		11/13/19 11:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0094	1		11/13/19 11:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.19	1		11/13/19 11:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0094	1		11/13/19 11:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0094	1		11/13/19 11:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0094	1		11/13/19 11:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0094	1		11/13/19 11:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0094	1		11/13/19 11:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0094	1		11/13/19 11:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0094	1		11/13/19 11:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0094	1		11/13/19 11:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0094	1		11/13/19 11:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.19	1		11/13/19 11:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0094	1		11/13/19 11:25	87-68-3	
n-Hexane	ND	mg/kg	0.0094	1		11/13/19 11:25	110-54-3	N2
2-Hexanone	ND	mg/kg	0.19	1		11/13/19 11:25	591-78-6	
Iodomethane	ND	mg/kg	0.19	1		11/13/19 11:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0094	1		11/13/19 11:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0094	1		11/13/19 11:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.038	1		11/13/19 11:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.047	1		11/13/19 11:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0094	1		11/13/19 11:25	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	103-65-1	
Styrene	ND	mg/kg	0.0094	1		11/13/19 11:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0094	1		11/13/19 11:25	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (2-4) **Lab ID: 50241137001** Collected: 11/07/19 10:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0094	1		11/13/19 11:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0094	1		11/13/19 11:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0094	1		11/13/19 11:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0094	1		11/13/19 11:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0094	1		11/13/19 11:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0094	1		11/13/19 11:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.19	1		11/13/19 11:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0094	1		11/13/19 11:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.019	1		11/13/19 11:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	112	%.	77-131	1		11/13/19 11:25	1868-53-7	
Toluene-d8 (S)	135	%.	77-127	1		11/13/19 11:25	2037-26-5	S1
4-Bromofluorobenzene (S)	69	%.	65-119	1		11/13/19 11:25	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.7**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (33-35) **Lab ID: 50241137002** Collected: 11/07/19 10:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.7**	mg/kg	0.94	1	11/12/19 09:05	11/13/19 12:24	7440-38-2	
Barium	**150**	mg/kg	0.94	1	11/12/19 09:05	11/13/19 12:24	7440-39-3	
Cadmium	ND	mg/kg	0.47	1	11/12/19 09:05	11/13/19 12:24	7440-43-9	
Chromium	**6.3**	mg/kg	0.94	1	11/12/19 09:05	11/13/19 12:24	7440-47-3	
Lead	**2.3**	mg/kg	0.94	1	11/12/19 09:05	11/13/19 12:24	7439-92-1	
Selenium	ND	mg/kg	0.94	1	11/12/19 09:05	11/13/19 12:24	7782-49-2	
Silver	ND	mg/kg	0.47	1	11/12/19 09:05	11/13/19 12:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/12/19 02:50	11/12/19 13:12	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.010**	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	83-32-9	
Acenaphthylene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	208-96-8	
Anthracene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	207-08-9	
Chrysene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	53-70-3	
Fluoranthene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	206-44-0	
Fluorene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	91-57-6	
Naphthalene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	91-20-3	
Phenanthrene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	85-01-8	
Pyrene	ND	mg/kg	0.0054	1	11/13/19 12:25	11/15/19 13:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	1	11/13/19 12:25	11/15/19 13:03	321-60-8	
p-Terphenyl-d14 (S)	85	%.	16-117	1	11/13/19 12:25	11/15/19 13:03	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	10.9	100		11/12/19 22:59	67-64-1	
Acrolein	ND	mg/kg	10.9	100		11/12/19 22:59	107-02-8	
Acrylonitrile	ND	mg/kg	10.9	100		11/12/19 22:59	107-13-1	
Benzene	ND	mg/kg	0.54	100		11/12/19 22:59	71-43-2	
Bromobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	108-86-1	
Bromochloromethane	ND	mg/kg	0.54	100		11/12/19 22:59	74-97-5	
Bromodichloromethane	ND	mg/kg	0.54	100		11/12/19 22:59	75-27-4	
Bromoform	ND	mg/kg	0.54	100		11/12/19 22:59	75-25-2	
Bromomethane	ND	mg/kg	0.54	100		11/12/19 22:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	2.7	100		11/12/19 22:59	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (33-35) **Lab ID: 50241137002** Collected: 11/07/19 10:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	98-06-6	
Carbon disulfide	ND	mg/kg	1.1	100		11/12/19 22:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.54	100		11/12/19 22:59	56-23-5	
Chlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	108-90-7	
Chloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	75-00-3	
Chloroform	ND	mg/kg	0.54	100		11/12/19 22:59	67-66-3	
Chloromethane	ND	mg/kg	0.54	100		11/12/19 22:59	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.54	100		11/12/19 22:59	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.54	100		11/12/19 22:59	106-43-4	
Dibromochloromethane	ND	mg/kg	0.54	100		11/12/19 22:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.54	100		11/12/19 22:59	106-93-4	
Dibromomethane	ND	mg/kg	0.54	100		11/12/19 22:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	10.9	100		11/12/19 22:59	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.54	100		11/12/19 22:59	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.54	100		11/12/19 22:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.54	100		11/12/19 22:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.54	100		11/12/19 22:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.54	100		11/12/19 22:59	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.54	100		11/12/19 22:59	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.54	100		11/12/19 22:59	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.54	100		11/12/19 22:59	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.54	100		11/12/19 22:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.54	100		11/12/19 22:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	100-41-4	
Ethyl methacrylate	ND	mg/kg	10.9	100		11/12/19 22:59	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.54	100		11/12/19 22:59	87-68-3	
n-Hexane	ND	mg/kg	0.54	100		11/12/19 22:59	110-54-3	N2
2-Hexanone	ND	mg/kg	10.9	100		11/12/19 22:59	591-78-6	
Iodomethane	ND	mg/kg	10.9	100		11/12/19 22:59	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.54	100		11/12/19 22:59	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.54	100		11/12/19 22:59	99-87-6	
Methylene Chloride	ND	mg/kg	2.2	100		11/12/19 22:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	2.7	100		11/12/19 22:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.54	100		11/12/19 22:59	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	103-65-1	
Styrene	ND	mg/kg	0.54	100		11/12/19 22:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	79-34-5	
Tetrachloroethene	ND	mg/kg	0.54	100		11/12/19 22:59	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B18 (33-35) **Lab ID: 50241137002** Collected: 11/07/19 10:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.54	100		11/12/19 22:59	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.54	100		11/12/19 22:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.54	100		11/12/19 22:59	79-00-5	
Trichloroethene	ND	mg/kg	0.54	100		11/12/19 22:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.54	100		11/12/19 22:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.54	100		11/12/19 22:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.54	100		11/12/19 22:59	108-67-8	
Vinyl acetate	ND	mg/kg	10.9	100		11/12/19 22:59	108-05-4	
Vinyl chloride	ND	mg/kg	0.54	100		11/12/19 22:59	75-01-4	
Xylene (Total)	ND	mg/kg	1.1	100		11/12/19 22:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	77-131	100		11/12/19 22:59	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	100		11/12/19 22:59	2037-26-5	
4-Bromofluorobenzene (S)	107	%.	65-119	100		11/12/19 22:59	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**8.2**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (2-4) **Lab ID: 50241137003** Collected: 11/07/19 12:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:12	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	66	%.	26-140	1	11/15/19 09:49	11/15/19 17:12	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.9**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:26	7440-38-2	
Barium	**113**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:26	7440-39-3	
Cadmium	ND	mg/kg	0.58	1	11/12/19 09:05	11/13/19 12:26	7440-43-9	
Chromium	**14.5**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:26	7440-47-3	
Lead	**19.7**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:26	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:26	7782-49-2	
Silver	ND	mg/kg	0.58	1	11/12/19 09:05	11/13/19 12:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/12/19 02:50	11/12/19 13:14	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	120-12-7	
Benzo(a)anthracene	**0.017**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	56-55-3	
Benzo(a)pyrene	**0.017**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	50-32-8	
Benzo(b)fluoranthene	**0.018**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	205-99-2	
Benzo(g,h,i)perylene	**0.015**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	191-24-2	
Benzo(k)fluoranthene	**0.017**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	207-08-9	
Chrysene	**0.024**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	53-70-3	
Fluoranthene	**0.026**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.011**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	193-39-5	
1-Methylnaphthalene	**0.025**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	90-12-0	N2
2-Methylnaphthalene	**0.028**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	91-57-6	
Naphthalene	**0.020**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	91-20-3	
Phenanthrene	**0.029**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	85-01-8	
Pyrene	**0.027**	mg/kg	0.0062	1	11/13/19 12:25	11/15/19 13:20	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	23-107	1	11/13/19 12:25	11/15/19 13:20	321-60-8	
p-Terphenyl-d14 (S)	68	%.	16-117	1	11/13/19 12:25	11/15/19 13:20	1718-51-0	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (2-4) **Lab ID: 50241137003** Collected: 11/07/19 12:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/13/19 11:50	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/13/19 11:50	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/13/19 11:50	107-13-1	
Benzene	ND	mg/kg	0.0067	1		11/13/19 11:50	71-43-2	
Bromobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	75-27-4	
Bromoform	ND	mg/kg	0.0067	1		11/13/19 11:50	75-25-2	
Bromomethane	ND	mg/kg	0.0067	1		11/13/19 11:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.034	1		11/13/19 11:50	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/13/19 11:50	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0067	1		11/13/19 11:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	108-90-7	
Chloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	75-00-3	
Chloroform	ND	mg/kg	0.0067	1		11/13/19 11:50	67-66-3	
Chloromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0067	1		11/13/19 11:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0067	1		11/13/19 11:50	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0067	1		11/13/19 11:50	106-93-4	
Dibromomethane	ND	mg/kg	0.0067	1		11/13/19 11:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/13/19 11:50	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0067	1		11/13/19 11:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/13/19 11:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0067	1		11/13/19 11:50	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0067	1		11/13/19 11:50	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0067	1		11/13/19 11:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0067	1		11/13/19 11:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0067	1		11/13/19 11:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/13/19 11:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0067	1		11/13/19 11:50	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/13/19 11:50	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0067	1		11/13/19 11:50	87-68-3	
n-Hexane	ND	mg/kg	0.0067	1		11/13/19 11:50	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/13/19 11:50	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/13/19 11:50	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (2-4) **Lab ID: 50241137003** Collected: 11/07/19 12:55 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0067	1		11/13/19 11:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0067	1		11/13/19 11:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.027	1		11/13/19 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.034	1		11/13/19 11:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0067	1		11/13/19 11:50	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	103-65-1	
Styrene	ND	mg/kg	0.0067	1		11/13/19 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0067	1		11/13/19 11:50	127-18-4	
Toluene	ND	mg/kg	0.0067	1		11/13/19 11:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0067	1		11/13/19 11:50	79-00-5	
Trichloroethene	ND	mg/kg	0.0067	1		11/13/19 11:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0067	1		11/13/19 11:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0067	1		11/13/19 11:50	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0067	1		11/13/19 11:50	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/13/19 11:50	108-05-4	
Vinyl chloride	ND	mg/kg	0.0067	1		11/13/19 11:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/13/19 11:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	116	%.	77-131	1		11/13/19 11:50	1868-53-7	
Toluene-d8 (S)	128	%.	77-127	1		11/13/19 11:50	2037-26-5	S3
4-Bromofluorobenzene (S)	76	%.	65-119	1		11/13/19 11:50	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.7**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (6-8) **Lab ID: 50241137004** Collected: 11/07/19 14:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	127	1	11/15/19 09:49	11/15/19 17:21	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	70	%.	26-140	1	11/15/19 09:49	11/15/19 17:21	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.1**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:28	7440-38-2	
Barium	**189**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:28	7440-39-3	
Cadmium	ND	mg/kg	0.60	1	11/12/19 09:05	11/13/19 12:28	7440-43-9	
Chromium	**18.5**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:28	7440-47-3	
Lead	**14.5**	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:28	7439-92-1	
Selenium	ND	mg/kg	1.2	1	11/12/19 09:05	11/13/19 12:28	7782-49-2	
Silver	ND	mg/kg	0.60	1	11/12/19 09:05	11/13/19 12:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/12/19 02:50	11/12/19 13:17	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	120-12-7	
Benzo(a)anthracene	**0.0081**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	56-55-3	
Benzo(a)pyrene	**0.0085**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	50-32-8	
Benzo(b)fluoranthene	**0.0064**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	191-24-2	
Benzo(k)fluoranthene	**0.0068**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	207-08-9	
Chrysene	**0.010**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	53-70-3	
Fluoranthene	**0.0089**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	193-39-5	
1-Methylnaphthalene	**0.020**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	90-12-0	N2
2-Methylnaphthalene	**0.019**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	91-57-6	
Naphthalene	**0.011**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	91-20-3	
Phenanthrene	**0.016**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	85-01-8	
Pyrene	**0.0088**	mg/kg	0.0063	1	11/13/19 12:25	11/15/19 13:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	23-107	1	11/13/19 12:25	11/15/19 13:36	321-60-8	
p-Terphenyl-d14 (S)	79	%.	16-117	1	11/13/19 12:25	11/15/19 13:36	1718-51-0	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (6-8) **Lab ID: 50241137004** Collected: 11/07/19 14:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	6.4	50		11/12/19 23:24	67-64-1	
Acrolein	ND	mg/kg	6.4	50		11/12/19 23:24	107-02-8	
Acrylonitrile	ND	mg/kg	6.4	50		11/12/19 23:24	107-13-1	
Benzene	ND	mg/kg	0.32	50		11/12/19 23:24	71-43-2	
Bromobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	108-86-1	
Bromochloromethane	ND	mg/kg	0.32	50		11/12/19 23:24	74-97-5	
Bromodichloromethane	ND	mg/kg	0.32	50		11/12/19 23:24	75-27-4	
Bromoform	ND	mg/kg	0.32	50		11/12/19 23:24	75-25-2	
Bromomethane	ND	mg/kg	0.32	50		11/12/19 23:24	74-83-9	
2-Butanone (MEK)	ND	mg/kg	1.6	50		11/12/19 23:24	78-93-3	
n-Butylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	98-06-6	
Carbon disulfide	ND	mg/kg	0.64	50		11/12/19 23:24	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.32	50		11/12/19 23:24	56-23-5	
Chlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	108-90-7	
Chloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	75-00-3	
Chloroform	ND	mg/kg	0.32	50		11/12/19 23:24	67-66-3	
Chloromethane	ND	mg/kg	0.32	50		11/12/19 23:24	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.32	50		11/12/19 23:24	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.32	50		11/12/19 23:24	106-43-4	
Dibromochloromethane	ND	mg/kg	0.32	50		11/12/19 23:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.32	50		11/12/19 23:24	106-93-4	
Dibromomethane	ND	mg/kg	0.32	50		11/12/19 23:24	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	6.4	50		11/12/19 23:24	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.32	50		11/12/19 23:24	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.32	50		11/12/19 23:24	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.32	50		11/12/19 23:24	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.32	50		11/12/19 23:24	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.32	50		11/12/19 23:24	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.32	50		11/12/19 23:24	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.32	50		11/12/19 23:24	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.32	50		11/12/19 23:24	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.32	50		11/12/19 23:24	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.32	50		11/12/19 23:24	10061-02-6	
Ethylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	100-41-4	
Ethyl methacrylate	ND	mg/kg	6.4	50		11/12/19 23:24	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.32	50		11/12/19 23:24	87-68-3	
n-Hexane	ND	mg/kg	0.32	50		11/12/19 23:24	110-54-3	N2
2-Hexanone	ND	mg/kg	6.4	50		11/12/19 23:24	591-78-6	
Iodomethane	ND	mg/kg	6.4	50		11/12/19 23:24	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B19 (6-8) **Lab ID: 50241137004** Collected: 11/07/19 14:20 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.32	50		11/12/19 23:24	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.32	50		11/12/19 23:24	99-87-6	
Methylene Chloride	ND	mg/kg	1.3	50		11/12/19 23:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	1.6	50		11/12/19 23:24	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.32	50		11/12/19 23:24	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	103-65-1	
Styrene	ND	mg/kg	0.32	50		11/12/19 23:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	79-34-5	
Tetrachloroethene	ND	mg/kg	0.32	50		11/12/19 23:24	127-18-4	
Toluene	ND	mg/kg	0.32	50		11/12/19 23:24	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.32	50		11/12/19 23:24	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.32	50		11/12/19 23:24	79-00-5	
Trichloroethene	ND	mg/kg	0.32	50		11/12/19 23:24	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.32	50		11/12/19 23:24	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.32	50		11/12/19 23:24	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.32	50		11/12/19 23:24	108-67-8	
Vinyl acetate	ND	mg/kg	6.4	50		11/12/19 23:24	108-05-4	
Vinyl chloride	ND	mg/kg	0.32	50		11/12/19 23:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.64	50		11/12/19 23:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	77-131	50		11/12/19 23:24	1868-53-7	
Toluene-d8 (S)	107	%.	77-127	50		11/12/19 23:24	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	65-119	50		11/12/19 23:24	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**21.9**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB3 **Lab ID: 50241137005** Collected: 11/07/19 09:00 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.50	1		11/13/19 12:15	67-64-1	
Acrolein	ND	mg/kg	0.50	1		11/13/19 12:15	107-02-8	
Acrylonitrile	ND	mg/kg	0.50	1		11/13/19 12:15	107-13-1	
Benzene	ND	mg/kg	0.025	1		11/13/19 12:15	71-43-2	
Bromobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	108-86-1	
Bromochloromethane	ND	mg/kg	0.025	1		11/13/19 12:15	74-97-5	
Bromodichloromethane	ND	mg/kg	0.025	1		11/13/19 12:15	75-27-4	
Bromoform	ND	mg/kg	0.025	1		11/13/19 12:15	75-25-2	
Bromomethane	ND	mg/kg	0.025	1		11/13/19 12:15	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.12	1		11/13/19 12:15	78-93-3	
n-Butylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	98-06-6	
Carbon disulfide	ND	mg/kg	0.050	1		11/13/19 12:15	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.025	1		11/13/19 12:15	56-23-5	
Chlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	108-90-7	
Chloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	75-00-3	
Chloroform	ND	mg/kg	0.025	1		11/13/19 12:15	67-66-3	
Chloromethane	ND	mg/kg	0.025	1		11/13/19 12:15	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.025	1		11/13/19 12:15	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.025	1		11/13/19 12:15	106-43-4	
Dibromochloromethane	ND	mg/kg	0.025	1		11/13/19 12:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.025	1		11/13/19 12:15	106-93-4	
Dibromomethane	ND	mg/kg	0.025	1		11/13/19 12:15	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.50	1		11/13/19 12:15	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.025	1		11/13/19 12:15	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.025	1		11/13/19 12:15	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.025	1		11/13/19 12:15	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.025	1		11/13/19 12:15	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.025	1		11/13/19 12:15	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.025	1		11/13/19 12:15	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.025	1		11/13/19 12:15	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.025	1		11/13/19 12:15	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.025	1		11/13/19 12:15	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.025	1		11/13/19 12:15	10061-02-6	
Ethylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.50	1		11/13/19 12:15	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.025	1		11/13/19 12:15	87-68-3	
n-Hexane	ND	mg/kg	0.025	1		11/13/19 12:15	110-54-3	N2
2-Hexanone	ND	mg/kg	0.50	1		11/13/19 12:15	591-78-6	
Iodomethane	ND	mg/kg	0.50	1		11/13/19 12:15	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB3 **Lab ID: 50241137005** Collected: 11/07/19 09:00 Received: 11/08/19 08:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.025	1		11/13/19 12:15	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.025	1		11/13/19 12:15	99-87-6	
Methylene Chloride	ND	mg/kg	0.10	1		11/13/19 12:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.12	1		11/13/19 12:15	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.025	1		11/13/19 12:15	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	103-65-1	
Styrene	ND	mg/kg	0.025	1		11/13/19 12:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	79-34-5	
Tetrachloroethene	ND	mg/kg	0.025	1		11/13/19 12:15	127-18-4	
Toluene	ND	mg/kg	0.025	1		11/13/19 12:15	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	1		11/13/19 12:15	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.025	1		11/13/19 12:15	79-00-5	
Trichloroethene	ND	mg/kg	0.025	1		11/13/19 12:15	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.025	1		11/13/19 12:15	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.025	1		11/13/19 12:15	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	1		11/13/19 12:15	108-67-8	
Vinyl acetate	ND	mg/kg	0.50	1		11/13/19 12:15	108-05-4	
Vinyl chloride	ND	mg/kg	0.025	1		11/13/19 12:15	75-01-4	
Xylene (Total)	ND	mg/kg	0.050	1		11/13/19 12:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	77-131	1		11/13/19 12:15	1868-53-7	
Toluene-d8 (S)	95	%.	77-127	1		11/13/19 12:15	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	65-119	1		11/13/19 12:15	460-00-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(0-2) **Lab ID: 50241255001** Collected: 11/07/19 15:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**14.4**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:20	7440-38-2	
Barium	**100**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:20	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:20	7440-43-9	
Chromium	**9.9**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:20	7440-47-3	
Lead	**54.1**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:20	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:20	7782-49-2	
Silver	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/13/19 10:53	11/13/19 22:44	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	83-32-9	
Acenaphthylene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	208-96-8	
Anthracene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	207-08-9	
Chrysene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	53-70-3	
Fluoranthene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	206-44-0	
Fluorene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	91-57-6	
Naphthalene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	91-20-3	ED
Phenanthrene	**0.15**	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	85-01-8	
Pyrene	ND	mg/kg	0.12	20	11/18/19 10:05	11/18/19 18:08	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	52	%.	23-107	20	11/18/19 10:05	11/18/19 18:08	321-60-8	
p-Terphenyl-d14 (S)	53	%.	16-117	20	11/18/19 10:05	11/18/19 18:08	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/18/19 04:54	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/18/19 04:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/18/19 04:54	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/18/19 04:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/18/19 04:54	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/18/19 04:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/18/19 04:54	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(0-2) **Lab ID: 50241255001** Collected: 11/07/19 15:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/18/19 04:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/18/19 04:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/18/19 04:54	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 04:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 04:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/18/19 04:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/18/19 04:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/18/19 04:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 04:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 04:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 04:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 04:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 04:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 04:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 04:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 04:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 04:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/18/19 04:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/18/19 04:54	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/18/19 04:54	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/18/19 04:54	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/18/19 04:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/18/19 04:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/18/19 04:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/18/19 04:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/18/19 04:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/18/19 04:54	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/18/19 04:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/18/19 04:54	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(0-2) **Lab ID: 50241255001** Collected: 11/07/19 15:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		11/18/19 04:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 04:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/18/19 04:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/18/19 04:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/18/19 04:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 04:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/18/19 04:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/18/19 04:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/18/19 04:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	77-131	1		11/18/19 04:54	1868-53-7	
Toluene-d8 (S)	130	%.	77-127	1		11/18/19 04:54	2037-26-5	S3
4-Bromofluorobenzene (S)	75	%.	65-119	1		11/18/19 04:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.2**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(36-38) **Lab ID: 50241255002** Collected: 11/07/19 16:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**2.9**	mg/kg	1.3	1	11/14/19 14:28	11/15/19 12:23	7440-38-2	
Barium	**96.5**	mg/kg	1.3	1	11/14/19 14:28	11/15/19 12:23	7440-39-3	
Cadmium	ND	mg/kg	0.64	1	11/14/19 14:28	11/15/19 12:23	7440-43-9	
Chromium	**14.2**	mg/kg	1.3	1	11/14/19 14:28	11/15/19 12:23	7440-47-3	
Lead	**9.8**	mg/kg	1.3	1	11/14/19 14:28	11/15/19 12:23	7439-92-1	
Selenium	ND	mg/kg	1.3	1	11/14/19 14:28	11/15/19 12:23	7782-49-2	
Silver	ND	mg/kg	0.64	1	11/14/19 14:28	11/15/19 12:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	11/13/19 10:53	11/13/19 22:46	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	83-32-9	
Acenaphthylene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	208-96-8	
Anthracene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	207-08-9	
Chrysene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	53-70-3	
Fluoranthene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	206-44-0	
Fluorene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	91-57-6	
Naphthalene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	91-20-3	
Phenanthrene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	85-01-8	
Pyrene	ND	mg/kg	0.0067	1	11/18/19 10:05	11/18/19 18:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	23-107	1	11/18/19 10:05	11/18/19 18:25	321-60-8	
p-Terphenyl-d14 (S)	48	%.	16-117	1	11/18/19 10:05	11/18/19 18:25	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.097	1		11/18/19 05:19	67-64-1	
Acrolein	ND	mg/kg	0.097	1		11/18/19 05:19	107-02-8	
Acrylonitrile	ND	mg/kg	0.097	1		11/18/19 05:19	107-13-1	
Benzene	ND	mg/kg	0.0049	1		11/18/19 05:19	71-43-2	
Bromobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	108-86-1	
Bromochloromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	75-27-4	
Bromoform	ND	mg/kg	0.0049	1		11/18/19 05:19	75-25-2	
Bromomethane	ND	mg/kg	0.0049	1		11/18/19 05:19	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		11/18/19 05:19	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(36-38) **Lab ID: 50241255002** Collected: 11/07/19 16:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	98-06-6	
Carbon disulfide	ND	mg/kg	0.0097	1		11/18/19 05:19	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0049	1		11/18/19 05:19	56-23-5	
Chlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	108-90-7	
Chloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	75-00-3	
Chloroform	ND	mg/kg	0.0049	1		11/18/19 05:19	67-66-3	
Chloromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0049	1		11/18/19 05:19	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0049	1		11/18/19 05:19	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0049	1		11/18/19 05:19	106-93-4	
Dibromomethane	ND	mg/kg	0.0049	1		11/18/19 05:19	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.097	1		11/18/19 05:19	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0049	1		11/18/19 05:19	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/18/19 05:19	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/18/19 05:19	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0049	1		11/18/19 05:19	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0049	1		11/18/19 05:19	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0049	1		11/18/19 05:19	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0049	1		11/18/19 05:19	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/18/19 05:19	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/18/19 05:19	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.097	1		11/18/19 05:19	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0049	1		11/18/19 05:19	87-68-3	
n-Hexane	ND	mg/kg	0.0049	1		11/18/19 05:19	110-54-3	N2
2-Hexanone	ND	mg/kg	0.097	1		11/18/19 05:19	591-78-6	
Iodomethane	ND	mg/kg	0.097	1		11/18/19 05:19	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0049	1		11/18/19 05:19	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0049	1		11/18/19 05:19	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/18/19 05:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		11/18/19 05:19	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0049	1		11/18/19 05:19	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	103-65-1	
Styrene	ND	mg/kg	0.0049	1		11/18/19 05:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0049	1		11/18/19 05:19	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-20(36-38) **Lab ID: 50241255002** Collected: 11/07/19 16:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0049	1		11/18/19 05:19	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0049	1		11/18/19 05:19	79-00-5	
Trichloroethene	ND	mg/kg	0.0049	1		11/18/19 05:19	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0049	1		11/18/19 05:19	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0049	1		11/18/19 05:19	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0049	1		11/18/19 05:19	108-67-8	
Vinyl acetate	ND	mg/kg	0.097	1		11/18/19 05:19	108-05-4	
Vinyl chloride	ND	mg/kg	0.0049	1		11/18/19 05:19	75-01-4	
Xylene (Total)	ND	mg/kg	0.0097	1		11/18/19 05:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	77-131	1		11/18/19 05:19	1868-53-7	
Toluene-d8 (S)	108	%.	77-127	1		11/18/19 05:19	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	65-119	1		11/18/19 05:19	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**25.9**	%	0.10	1		11/16/19 09:35		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(2-4) **Lab ID: 50241255003** Collected: 11/08/19 07:50 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**19.2**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:29	7440-38-2	
Barium	**58.8**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:29	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/14/19 14:28	11/15/19 12:29	7440-43-9	
Chromium	**11.2**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:29	7440-47-3	
Lead	**633**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:29	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:29	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/14/19 14:28	11/15/19 12:29	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/13/19 10:53	11/13/19 22:48	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	208-96-8	
Anthracene	**0.050**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	120-12-7	
Benzo(a)anthracene	**0.079**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	56-55-3	
Benzo(a)pyrene	**0.044**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	50-32-8	
Benzo(b)fluoranthene	**0.044**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	205-99-2	
Benzo(g,h,i)perylene	**0.043**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	191-24-2	
Benzo(k)fluoranthene	**0.049**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	207-08-9	
Chrysene	**0.12**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	53-70-3	
Fluoranthene	**0.19**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	206-44-0	
Fluorene	ND	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	193-39-5	
1-Methylnaphthalene	**0.18**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	90-12-0	N2
2-Methylnaphthalene	**0.22**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	91-57-6	
Naphthalene	**0.10**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	91-20-3	ED
Phenanthrene	**0.68**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	85-01-8	
Pyrene	**0.17**	mg/kg	0.030	5	11/18/19 10:05	11/18/19 18:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	23-107	5	11/18/19 10:05	11/18/19 18:41	321-60-8	
p-Terphenyl-d14 (S)	66	%.	16-117	5	11/18/19 10:05	11/18/19 18:41	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.21	1		11/18/19 05:43	67-64-1	
Acrolein	ND	mg/kg	0.21	1		11/18/19 05:43	107-02-8	
Acrylonitrile	ND	mg/kg	0.21	1		11/18/19 05:43	107-13-1	
Benzene	ND	mg/kg	0.010	1		11/18/19 05:43	71-43-2	
Bromobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	108-86-1	
Bromochloromethane	ND	mg/kg	0.010	1		11/18/19 05:43	74-97-5	
Bromodichloromethane	ND	mg/kg	0.010	1		11/18/19 05:43	75-27-4	
Bromoform	ND	mg/kg	0.010	1		11/18/19 05:43	75-25-2	
Bromomethane	ND	mg/kg	0.010	1		11/18/19 05:43	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.052	1		11/18/19 05:43	78-93-3	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(2-4) **Lab ID: 50241255003** Collected: 11/08/19 07:50 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	98-06-6	
Carbon disulfide	ND	mg/kg	0.021	1		11/18/19 05:43	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.010	1		11/18/19 05:43	56-23-5	
Chlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	108-90-7	
Chloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	75-00-3	
Chloroform	ND	mg/kg	0.010	1		11/18/19 05:43	67-66-3	
Chloromethane	ND	mg/kg	0.010	1		11/18/19 05:43	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.010	1		11/18/19 05:43	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.010	1		11/18/19 05:43	106-43-4	
Dibromochloromethane	ND	mg/kg	0.010	1		11/18/19 05:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.010	1		11/18/19 05:43	106-93-4	
Dibromomethane	ND	mg/kg	0.010	1		11/18/19 05:43	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.21	1		11/18/19 05:43	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.010	1		11/18/19 05:43	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.010	1		11/18/19 05:43	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.010	1		11/18/19 05:43	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.010	1		11/18/19 05:43	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.010	1		11/18/19 05:43	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.010	1		11/18/19 05:43	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.010	1		11/18/19 05:43	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.010	1		11/18/19 05:43	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.010	1		11/18/19 05:43	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.010	1		11/18/19 05:43	10061-02-6	
Ethylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.21	1		11/18/19 05:43	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.010	1		11/18/19 05:43	87-68-3	
n-Hexane	ND	mg/kg	0.010	1		11/18/19 05:43	110-54-3	N2
2-Hexanone	ND	mg/kg	0.21	1		11/18/19 05:43	591-78-6	
Iodomethane	ND	mg/kg	0.21	1		11/18/19 05:43	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.010	1		11/18/19 05:43	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.010	1		11/18/19 05:43	99-87-6	
Methylene Chloride	ND	mg/kg	0.042	1		11/18/19 05:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.052	1		11/18/19 05:43	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.010	1		11/18/19 05:43	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	103-65-1	
Styrene	ND	mg/kg	0.010	1		11/18/19 05:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	79-34-5	
Tetrachloroethene	ND	mg/kg	0.010	1		11/18/19 05:43	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(2-4) **Lab ID: 50241255003** Collected: 11/08/19 07:50 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.010	1		11/18/19 05:43	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.010	1		11/18/19 05:43	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.010	1		11/18/19 05:43	79-00-5	
Trichloroethene	ND	mg/kg	0.010	1		11/18/19 05:43	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.010	1		11/18/19 05:43	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.010	1		11/18/19 05:43	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.010	1		11/18/19 05:43	108-67-8	
Vinyl acetate	ND	mg/kg	0.21	1		11/18/19 05:43	108-05-4	
Vinyl chloride	ND	mg/kg	0.010	1		11/18/19 05:43	75-01-4	
Xylene (Total)	ND	mg/kg	0.021	1		11/18/19 05:43	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/18/19 05:43	1868-53-7	
Toluene-d8 (S)	118	%.	77-127	1		11/18/19 05:43	2037-26-5	
4-Bromofluorobenzene (S)	81	%.	65-119	1		11/18/19 05:43	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**18.6**	%	0.10	1		11/16/19 09:35		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(22-24) **Lab ID: 50241255004** Collected: 11/08/19 08:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.7**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:31	7440-38-2	
Barium	**151**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:31	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:31	7440-43-9	
Chromium	**17.1**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:31	7440-47-3	
Lead	**7.8**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:31	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:31	7782-49-2	
Silver	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:31	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/13/19 10:53	11/13/19 22:50	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/18/19 18:58	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	1	11/18/19 10:05	11/18/19 18:58	321-60-8	
p-Terphenyl-d14 (S)	78	%.	16-117	1	11/18/19 10:05	11/18/19 18:58	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 06:08	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 06:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 06:08	107-13-1	
Benzene	ND	mg/kg	0.0054	1		11/18/19 06:08	71-43-2	R1
Bromobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		11/18/19 06:08	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		11/18/19 06:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/18/19 06:08	78-93-3	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(22-24) **Lab ID: 50241255004** Collected: 11/08/19 08:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 06:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		11/18/19 06:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	108-90-7	R1
Chloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		11/18/19 06:08	67-66-3	R1
Chloromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 06:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 06:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		11/18/19 06:08	106-93-4	R1
Dibromomethane	ND	mg/kg	0.0054	1		11/18/19 06:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 06:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	107-06-2	R1
1,1-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 06:08	75-35-4	R1
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 06:08	156-59-2	R1
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 06:08	156-60-5	R1
1,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 06:08	78-87-5	R1
1,3-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 06:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 06:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 06:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 06:08	10061-01-5	R1
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 06:08	10061-02-6	R1
Ethylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	100-41-4	R1
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 06:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		11/18/19 06:08	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		11/18/19 06:08	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 06:08	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 06:08	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		11/18/19 06:08	98-82-8	R1
p-Isopropyltoluene	ND	mg/kg	0.0054	1		11/18/19 06:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/18/19 06:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/18/19 06:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		11/18/19 06:08	1634-04-4	R1
n-Propylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	103-65-1	
Styrene	ND	mg/kg	0.0054	1		11/18/19 06:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	79-34-5	R1
Tetrachloroethene	ND	mg/kg	0.0054	1		11/18/19 06:08	127-18-4	R1

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-21(22-24) **Lab ID: 50241255004** Collected: 11/08/19 08:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0054	1		11/18/19 06:08	108-88-3	R1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	71-55-6	R1
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 06:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		11/18/19 06:08	79-01-6	R1
Trichlorofluoromethane	ND	mg/kg	0.0054	1		11/18/19 06:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		11/18/19 06:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	95-63-6	R1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 06:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 06:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		11/18/19 06:08	75-01-4	R1
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 06:08	1330-20-7	RS
Surrogates								
Dibromofluoromethane (S)	92	%.	77-131	1		11/18/19 06:08	1868-53-7	
Toluene-d8 (S)	100	%.	77-127	1		11/18/19 06:08	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	65-119	1		11/18/19 06:08	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.5**	%	0.10	1		11/16/19 09:36		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(0-2) **Lab ID: 50241255005** Collected: 11/08/19 09:41 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:24	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	58	%.	26-140	1	11/15/19 09:49	11/15/19 20:24	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.9**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:42	7440-38-2	
Barium	**219**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:42	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:42	7440-43-9	
Chromium	**23.5**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:42	7440-47-3	
Lead	**28.4**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:42	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:42	7782-49-2	
Silver	ND	mg/kg	0.54	1	11/14/19 14:28	11/15/19 12:42	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/13/19 10:53	11/13/19 23:01	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	83-32-9	
Acenaphthylene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	208-96-8	
Anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	207-08-9	
Chrysene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	53-70-3	
Fluoranthene	**0.081**	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	206-44-0	
Fluorene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	90-12-0	N2
2-Methylnaphthalene	**0.066**	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	91-57-6	
Naphthalene	ND	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	91-20-3	ED
Phenanthrene	**0.11**	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	85-01-8	
Pyrene	**0.065**	mg/kg	0.056	10	11/18/19 10:05	11/18/19 19:17	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	23-107	10	11/18/19 10:05	11/18/19 19:17	321-60-8	
p-Terphenyl-d14 (S)	71	%.	16-117	10	11/18/19 10:05	11/18/19 19:17	1718-51-0	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(0-2) **Lab ID: 50241255005** Collected: 11/08/19 09:41 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.14	1		11/18/19 07:23	67-64-1	
Acrolein	ND	mg/kg	0.14	1		11/18/19 07:23	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	1		11/18/19 07:23	107-13-1	
Benzene	ND	mg/kg	0.0070	1		11/18/19 07:23	71-43-2	
Bromobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	108-86-1	
Bromochloromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	75-27-4	
Bromoform	ND	mg/kg	0.0070	1		11/18/19 07:23	75-25-2	
Bromomethane	ND	mg/kg	0.0070	1		11/18/19 07:23	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.035	1		11/18/19 07:23	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	1		11/18/19 07:23	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0070	1		11/18/19 07:23	56-23-5	
Chlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	108-90-7	
Chloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	75-00-3	
Chloroform	ND	mg/kg	0.0070	1		11/18/19 07:23	67-66-3	
Chloromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0070	1		11/18/19 07:23	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0070	1		11/18/19 07:23	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0070	1		11/18/19 07:23	106-93-4	
Dibromomethane	ND	mg/kg	0.0070	1		11/18/19 07:23	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	1		11/18/19 07:23	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0070	1		11/18/19 07:23	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0070	1		11/18/19 07:23	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0070	1		11/18/19 07:23	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0070	1		11/18/19 07:23	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0070	1		11/18/19 07:23	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0070	1		11/18/19 07:23	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0070	1		11/18/19 07:23	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0070	1		11/18/19 07:23	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0070	1		11/18/19 07:23	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	1		11/18/19 07:23	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0070	1		11/18/19 07:23	87-68-3	
n-Hexane	ND	mg/kg	0.0070	1		11/18/19 07:23	110-54-3	N2
2-Hexanone	ND	mg/kg	0.14	1		11/18/19 07:23	591-78-6	
Iodomethane	ND	mg/kg	0.14	1		11/18/19 07:23	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(0-2) **Lab ID: 50241255005** Collected: 11/08/19 09:41 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0070	1		11/18/19 07:23	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0070	1		11/18/19 07:23	99-87-6	
Methylene Chloride	ND	mg/kg	0.028	1		11/18/19 07:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.035	1		11/18/19 07:23	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0070	1		11/18/19 07:23	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	103-65-1	
Styrene	ND	mg/kg	0.0070	1		11/18/19 07:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0070	1		11/18/19 07:23	127-18-4	
Toluene	ND	mg/kg	0.0070	1		11/18/19 07:23	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0070	1		11/18/19 07:23	79-00-5	
Trichloroethene	ND	mg/kg	0.0070	1		11/18/19 07:23	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0070	1		11/18/19 07:23	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0070	1		11/18/19 07:23	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0070	1		11/18/19 07:23	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	1		11/18/19 07:23	108-05-4	
Vinyl chloride	ND	mg/kg	0.0070	1		11/18/19 07:23	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	1		11/18/19 07:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	77-131	1		11/18/19 07:23	1868-53-7	
Toluene-d8 (S)	109	%.	77-127	1		11/18/19 07:23	2037-26-5	
4-Bromofluorobenzene (S)	88	%.	65-119	1		11/18/19 07:23	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**10.9**	%	0.10	1		11/16/19 09:36		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(8-10) **Lab ID: 50241255006** Collected: 11/08/19 10:04 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	124	1	11/15/19 09:49	11/15/19 17:30	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	65	%.	26-140	1	11/15/19 09:49	11/15/19 17:30	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**13.3**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:45	7440-38-2	
Barium	**86.7**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:45	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/14/19 14:28	11/15/19 12:45	7440-43-9	
Chromium	**9.3**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:45	7440-47-3	
Lead	**8.0**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:45	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:45	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/14/19 14:28	11/15/19 12:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/13/19 10:53	11/13/19 23:03	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	11/18/19 10:05	11/18/19 19:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	1	11/18/19 10:05	11/18/19 19:30	321-60-8	
p-Terphenyl-d14 (S)	93	%.	16-117	1	11/18/19 10:05	11/18/19 19:30	1718-51-0	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(8-10) **Lab ID: 50241255006** Collected: 11/08/19 10:04 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.095	1		11/19/19 06:45	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/18/19 07:48	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/18/19 07:48	107-13-1	
Benzene	ND	mg/kg	0.0051	1		11/18/19 07:48	71-43-2	
Bromobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	75-27-4	
Bromoform	ND	mg/kg	0.0051	1		11/18/19 07:48	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1		11/18/19 07:48	74-83-9	
2-Butanone (MEK)	**0.028**	mg/kg	0.026	1		11/18/19 07:48	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/18/19 07:48	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1		11/18/19 07:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	75-00-3	
Chloroform	ND	mg/kg	0.0051	1		11/18/19 07:48	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0051	1		11/18/19 07:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0051	1		11/18/19 07:48	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0051	1		11/18/19 07:48	106-93-4	
Dibromomethane	ND	mg/kg	0.0051	1		11/18/19 07:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/18/19 07:48	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0051	1		11/18/19 07:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/18/19 07:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/18/19 07:48	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1		11/18/19 07:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0051	1		11/18/19 07:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0051	1		11/18/19 07:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0051	1		11/18/19 07:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/18/19 07:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/18/19 07:48	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/18/19 07:48	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0051	1		11/18/19 07:48	87-68-3	
n-Hexane	ND	mg/kg	0.0051	1		11/18/19 07:48	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/18/19 07:48	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/18/19 07:48	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-22(8-10) **Lab ID: 50241255006** Collected: 11/08/19 10:04 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0051	1		11/18/19 07:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0051	1		11/18/19 07:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/18/19 07:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/18/19 07:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1		11/18/19 07:48	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	103-65-1	
Styrene	ND	mg/kg	0.0051	1		11/18/19 07:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0051	1		11/18/19 07:48	127-18-4	
Toluene	ND	mg/kg	0.0051	1		11/18/19 07:48	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1		11/18/19 07:48	79-00-5	
Trichloroethene	ND	mg/kg	0.0051	1		11/18/19 07:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1		11/18/19 07:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0051	1		11/18/19 07:48	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0051	1		11/18/19 07:48	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/18/19 07:48	108-05-4	
Vinyl chloride	ND	mg/kg	0.0051	1		11/18/19 07:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/18/19 07:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	77-131	1		11/18/19 07:48	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/18/19 07:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/18/19 07:48	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.0**	%	0.10	1		11/16/19 09:36		

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7726 Moller Road
Indianapolis, IN 46268
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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Trip Blank **Lab ID: 50241255007** Collected: 11/08/19 07:30 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/18/19 08:13	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/18/19 08:13	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/18/19 08:13	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/18/19 08:13	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/18/19 08:13	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/18/19 08:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/18/19 08:13	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/18/19 08:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/18/19 08:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/18/19 08:13	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 08:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 08:13	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/18/19 08:13	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/18/19 08:13	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/18/19 08:13	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 08:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 08:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 08:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 08:13	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 08:13	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 08:13	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 08:13	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 08:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 08:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/18/19 08:13	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/18/19 08:13	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/18/19 08:13	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/18/19 08:13	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/18/19 08:13	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: Trip Blank **Lab ID: 50241255007** Collected: 11/08/19 07:30 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/18/19 08:13	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/18/19 08:13	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/18/19 08:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/18/19 08:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/18/19 08:13	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/18/19 08:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/18/19 08:13	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/18/19 08:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 08:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/18/19 08:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/18/19 08:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/18/19 08:13	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 08:13	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/18/19 08:13	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/18/19 08:13	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/18/19 08:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	77-131	1		11/18/19 08:13	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/18/19 08:13	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	65-119	1		11/18/19 08:13	460-00-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 3 **Lab ID: 50241255008** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**21.3**	mg/kg	1.0	1	11/14/19 14:28	11/15/19 12:47	7440-38-2	
Barium	**138**	mg/kg	1.0	1	11/14/19 14:28	11/15/19 12:47	7440-39-3	
Cadmium	**0.73**	mg/kg	0.51	1	11/14/19 14:28	11/15/19 12:47	7440-43-9	
Chromium	**15.5**	mg/kg	1.0	1	11/14/19 14:28	11/15/19 12:47	7440-47-3	
Lead	**98.7**	mg/kg	1.0	1	11/14/19 14:28	11/15/19 12:47	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/14/19 14:28	11/15/19 12:47	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/14/19 14:28	11/15/19 12:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/13/19 10:53	11/13/19 23:05	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	83-32-9	
Acenaphthylene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	208-96-8	
Anthracene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	207-08-9	
Chrysene	**0.062**	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	53-70-3	
Fluoranthene	**0.061**	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	206-44-0	
Fluorene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	90-12-0	N2
2-Methylnaphthalene	**0.061**	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	91-57-6	
Naphthalene	ND	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	91-20-3	ED
Phenanthrene	**0.10**	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	85-01-8	
Pyrene	**0.074**	mg/kg	0.057	10	11/18/19 10:05	11/19/19 12:58	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	23-107	10	11/18/19 10:05	11/19/19 12:58	321-60-8	
p-Terphenyl-d14 (S)	74	%.	16-117	10	11/18/19 10:05	11/19/19 12:58	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.094	1		11/18/19 08:38	67-64-1	
Acrolein	ND	mg/kg	0.094	1		11/18/19 08:38	107-02-8	
Acrylonitrile	ND	mg/kg	0.094	1		11/18/19 08:38	107-13-1	
Benzene	ND	mg/kg	0.0047	1		11/18/19 08:38	71-43-2	
Bromobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	108-86-1	
Bromochloromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	75-27-4	
Bromoform	ND	mg/kg	0.0047	1		11/18/19 08:38	75-25-2	
Bromomethane	ND	mg/kg	0.0047	1		11/18/19 08:38	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/18/19 08:38	78-93-3	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 3 **Lab ID: 50241255008** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	98-06-6	
Carbon disulfide	ND	mg/kg	0.0094	1		11/18/19 08:38	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0047	1		11/18/19 08:38	56-23-5	
Chlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	108-90-7	
Chloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	75-00-3	
Chloroform	ND	mg/kg	0.0047	1		11/18/19 08:38	67-66-3	
Chloromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0047	1		11/18/19 08:38	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0047	1		11/18/19 08:38	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0047	1		11/18/19 08:38	106-93-4	
Dibromomethane	ND	mg/kg	0.0047	1		11/18/19 08:38	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.094	1		11/18/19 08:38	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0047	1		11/18/19 08:38	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/18/19 08:38	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0047	1		11/18/19 08:38	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0047	1		11/18/19 08:38	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0047	1		11/18/19 08:38	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0047	1		11/18/19 08:38	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0047	1		11/18/19 08:38	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/18/19 08:38	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0047	1		11/18/19 08:38	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.094	1		11/18/19 08:38	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0047	1		11/18/19 08:38	87-68-3	
n-Hexane	ND	mg/kg	0.0047	1		11/18/19 08:38	110-54-3	N2
2-Hexanone	ND	mg/kg	0.094	1		11/18/19 08:38	591-78-6	
Iodomethane	ND	mg/kg	0.094	1		11/18/19 08:38	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0047	1		11/18/19 08:38	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0047	1		11/18/19 08:38	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/18/19 08:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/18/19 08:38	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0047	1		11/18/19 08:38	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	103-65-1	
Styrene	ND	mg/kg	0.0047	1		11/18/19 08:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0047	1		11/18/19 08:38	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 3 **Lab ID: 50241255008** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0047	1		11/18/19 08:38	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0047	1		11/18/19 08:38	79-00-5	
Trichloroethene	ND	mg/kg	0.0047	1		11/18/19 08:38	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0047	1		11/18/19 08:38	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0047	1		11/18/19 08:38	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0047	1		11/18/19 08:38	108-67-8	
Vinyl acetate	ND	mg/kg	0.094	1		11/18/19 08:38	108-05-4	
Vinyl chloride	ND	mg/kg	0.0047	1		11/18/19 08:38	75-01-4	
Xylene (Total)	ND	mg/kg	0.0094	1		11/18/19 08:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/18/19 08:38	1868-53-7	
Toluene-d8 (S)	120	%.	77-127	1		11/18/19 08:38	2037-26-5	
4-Bromofluorobenzene (S)	83	%.	65-119	1		11/18/19 08:38	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**13.7**	%	0.10	1		11/16/19 09:36		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 4 **Lab ID: 50241255009** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	112	1	11/15/19 09:49	11/15/19 20:33	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	58	%.	26-140	1	11/15/19 09:49	11/15/19 20:33	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.5**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:49	7440-38-2	
Barium	**215**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:49	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/14/19 14:28	11/15/19 12:49	7440-43-9	
Chromium	**20.6**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:49	7440-47-3	
Lead	**26.3**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:49	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 12:49	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/14/19 14:28	11/15/19 12:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/13/19 10:53	11/13/19 23:07	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	83-32-9	
Acenaphthylene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	208-96-8	
Anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	207-08-9	
Chrysene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	53-70-3	
Fluoranthene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	206-44-0	
Fluorene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	193-39-5	
1-Methylnaphthalene	**0.062**	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	90-12-0	N2
2-Methylnaphthalene	**0.091**	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	91-57-6	
Naphthalene	**0.072**	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	91-20-3	ED
Phenanthrene	**0.11**	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	85-01-8	
Pyrene	ND	mg/kg	0.056	10	11/18/19 10:05	11/19/19 10:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	23-107	10	11/18/19 10:05	11/19/19 10:03	321-60-8	
p-Terphenyl-d14 (S)	80	%.	16-117	10	11/18/19 10:05	11/19/19 10:03	1718-51-0	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 4 **Lab ID: 50241255009** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.17	1		11/18/19 09:03	67-64-1	
Acrolein	ND	mg/kg	0.17	1		11/18/19 09:03	107-02-8	
Acrylonitrile	ND	mg/kg	0.17	1		11/18/19 09:03	107-13-1	
Benzene	ND	mg/kg	0.0085	1		11/18/19 09:03	71-43-2	
Bromobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	108-86-1	
Bromochloromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	75-27-4	
Bromoform	ND	mg/kg	0.0085	1		11/18/19 09:03	75-25-2	
Bromomethane	ND	mg/kg	0.0085	1		11/18/19 09:03	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.042	1		11/18/19 09:03	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	98-06-6	
Carbon disulfide	ND	mg/kg	0.017	1		11/18/19 09:03	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0085	1		11/18/19 09:03	56-23-5	
Chlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	108-90-7	
Chloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	75-00-3	
Chloroform	ND	mg/kg	0.0085	1		11/18/19 09:03	67-66-3	
Chloromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0085	1		11/18/19 09:03	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0085	1		11/18/19 09:03	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0085	1		11/18/19 09:03	106-93-4	
Dibromomethane	ND	mg/kg	0.0085	1		11/18/19 09:03	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.17	1		11/18/19 09:03	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0085	1		11/18/19 09:03	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0085	1		11/18/19 09:03	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0085	1		11/18/19 09:03	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0085	1		11/18/19 09:03	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0085	1		11/18/19 09:03	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0085	1		11/18/19 09:03	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0085	1		11/18/19 09:03	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0085	1		11/18/19 09:03	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0085	1		11/18/19 09:03	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.17	1		11/18/19 09:03	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0085	1		11/18/19 09:03	87-68-3	
n-Hexane	ND	mg/kg	0.0085	1		11/18/19 09:03	110-54-3	N2
2-Hexanone	ND	mg/kg	0.17	1		11/18/19 09:03	591-78-6	
Iodomethane	ND	mg/kg	0.17	1		11/18/19 09:03	74-88-4	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: DUP 4 **Lab ID: 50241255009** Collected: 11/08/19 08:00 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0085	1		11/18/19 09:03	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0085	1		11/18/19 09:03	99-87-6	
Methylene Chloride	ND	mg/kg	0.034	1		11/18/19 09:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.042	1		11/18/19 09:03	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0085	1		11/18/19 09:03	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	103-65-1	
Styrene	ND	mg/kg	0.0085	1		11/18/19 09:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0085	1		11/18/19 09:03	127-18-4	
Toluene	ND	mg/kg	0.0085	1		11/18/19 09:03	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0085	1		11/18/19 09:03	79-00-5	
Trichloroethene	ND	mg/kg	0.0085	1		11/18/19 09:03	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0085	1		11/18/19 09:03	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0085	1		11/18/19 09:03	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0085	1		11/18/19 09:03	108-67-8	
Vinyl acetate	ND	mg/kg	0.17	1		11/18/19 09:03	108-05-4	
Vinyl chloride	ND	mg/kg	0.0085	1		11/18/19 09:03	75-01-4	
Xylene (Total)	ND	mg/kg	0.017	1		11/18/19 09:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	77-131	1		11/18/19 09:03	1868-53-7	
Toluene-d8 (S)	110	%.	77-127	1		11/18/19 09:03	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	65-119	1		11/18/19 09:03	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**11.9**	%	0.10	1		11/16/19 09:36		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(0-2) **Lab ID: 50241255010** Collected: 11/08/19 10:16 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 17:40	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	70	%.	26-140	1	11/15/19 09:49	11/15/19 17:40	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.1**	mg/kg	0.99	1	11/14/19 14:28	11/15/19 12:56	7440-38-2	
Barium	**336**	mg/kg	0.99	1	11/14/19 14:28	11/15/19 12:56	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	11/14/19 14:28	11/15/19 12:56	7440-43-9	
Chromium	**17.8**	mg/kg	0.99	1	11/14/19 14:28	11/15/19 12:56	7440-47-3	
Lead	**9.3**	mg/kg	0.99	1	11/14/19 14:28	11/15/19 12:56	7439-92-1	
Selenium	ND	mg/kg	0.99	1	11/14/19 14:28	11/15/19 12:56	7782-49-2	
Silver	ND	mg/kg	0.50	1	11/14/19 14:28	11/15/19 12:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/13/19 10:53	11/13/19 23:09	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	56-55-3	
Benzo(a)pyrene	**0.0062**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	50-32-8	
Benzo(b)fluoranthene	**0.0082**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	205-99-2	
Benzo(g,h,i)perylene	**0.013**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	191-24-2	
Benzo(k)fluoranthene	**0.0054**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	207-08-9	
Chrysene	**0.0076**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	53-70-3	
Fluoranthene	**0.013**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	193-39-5	
1-Methylnaphthalene	**0.010**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	90-12-0	N2
2-Methylnaphthalene	**0.012**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	91-57-6	
Naphthalene	**0.0068**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	91-20-3	
Phenanthrene	**0.021**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	85-01-8	
Pyrene	**0.010**	mg/kg	0.0052	1	11/18/19 10:05	11/19/19 13:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	49	%.	23-107	1	11/18/19 10:05	11/19/19 13:12	321-60-8	
p-Terphenyl-d14 (S)	63	%.	16-117	1	11/18/19 10:05	11/19/19 13:12	1718-51-0	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(0-2) **Lab ID: 50241255010** Collected: 11/08/19 10:16 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 09:28	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 09:28	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 09:28	107-13-1	
Benzene	ND	mg/kg	0.0054	1		11/18/19 09:28	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		11/18/19 09:28	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		11/18/19 09:28	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/18/19 09:28	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 09:28	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		11/18/19 09:28	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		11/18/19 09:28	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 09:28	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 09:28	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		11/18/19 09:28	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		11/18/19 09:28	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 09:28	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 09:28	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 09:28	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 09:28	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 09:28	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 09:28	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 09:28	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 09:28	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 09:28	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 09:28	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 09:28	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		11/18/19 09:28	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		11/18/19 09:28	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 09:28	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 09:28	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(0-2) **Lab ID: 50241255010** Collected: 11/08/19 10:16 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		11/18/19 09:28	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		11/18/19 09:28	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/18/19 09:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/18/19 09:28	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		11/18/19 09:28	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	103-65-1	
Styrene	ND	mg/kg	0.0054	1		11/18/19 09:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		11/18/19 09:28	127-18-4	
Toluene	ND	mg/kg	0.0054	1		11/18/19 09:28	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 09:28	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		11/18/19 09:28	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		11/18/19 09:28	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		11/18/19 09:28	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 09:28	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 09:28	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		11/18/19 09:28	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 09:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	77-131	1		11/18/19 09:28	1868-53-7	
Toluene-d8 (S)	106	%.	77-127	1		11/18/19 09:28	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	65-119	1		11/18/19 09:28	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**4.7**	%	0.10	1		11/16/19 09:36		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(18-20) **Lab ID: 50241255011** Collected: 11/08/19 11:20 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 20:42	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	57	%.	26-140	1	11/15/19 09:49	11/15/19 20:42	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.4**	mg/kg	0.90	1	11/14/19 14:28	11/15/19 12:58	7440-38-2	
Barium	**13.6**	mg/kg	0.90	1	11/14/19 14:28	11/15/19 12:58	7440-39-3	
Cadmium	ND	mg/kg	0.45	1	11/14/19 14:28	11/15/19 12:58	7440-43-9	
Chromium	**4.5**	mg/kg	0.90	1	11/14/19 14:28	11/15/19 12:58	7440-47-3	
Lead	**4.4**	mg/kg	0.90	1	11/14/19 14:28	11/15/19 12:58	7439-92-1	
Selenium	ND	mg/kg	0.90	1	11/14/19 14:28	11/15/19 12:58	7782-49-2	
Silver	ND	mg/kg	0.45	1	11/14/19 14:28	11/15/19 12:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/13/19 10:53	11/13/19 23:12	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.12**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	83-32-9	
Acenaphthylene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	208-96-8	
Anthracene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	207-08-9	
Chrysene	**0.036**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	53-70-3	
Fluoranthene	**0.030**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	206-44-0	
Fluorene	**0.25**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	193-39-5	
1-Methylnaphthalene	**0.87**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	90-12-0	N2
2-Methylnaphthalene	**0.029**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	91-57-6	
Naphthalene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	91-20-3	
Phenanthrene	**0.48**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	85-01-8	
Pyrene	**0.034**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 09:39	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	83	%.	23-107	1	11/18/19 10:05	11/19/19 09:39	321-60-8	
p-Terphenyl-d14 (S)	87	%.	16-117	1	11/18/19 10:05	11/19/19 09:39	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(18-20) **Lab ID: 50241255011** Collected: 11/08/19 11:20 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	5.4	50		11/19/19 00:09	67-64-1	
Acrolein	ND	mg/kg	5.4	50		11/19/19 00:09	107-02-8	
Acrylonitrile	ND	mg/kg	5.4	50		11/19/19 00:09	107-13-1	
Benzene	ND	mg/kg	0.27	50		11/19/19 00:09	71-43-2	
Bromobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.27	50		11/19/19 00:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.27	50		11/19/19 00:09	75-27-4	
Bromoform	ND	mg/kg	0.27	50		11/19/19 00:09	75-25-2	
Bromomethane	ND	mg/kg	0.27	50		11/19/19 00:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	1.3	50		11/19/19 00:09	78-93-3	
n-Butylbenzene	**0.38**	mg/kg	0.27	50		11/19/19 00:09	104-51-8	
sec-Butylbenzene	**0.82**	mg/kg	0.27	50		11/19/19 00:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.27	50		11/19/19 00:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.54	50		11/19/19 00:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.27	50		11/19/19 00:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	108-90-7	
Chloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	75-00-3	
Chloroform	ND	mg/kg	0.27	50		11/19/19 00:09	67-66-3	
Chloromethane	ND	mg/kg	0.27	50		11/19/19 00:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.27	50		11/19/19 00:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.27	50		11/19/19 00:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.27	50		11/19/19 00:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.27	50		11/19/19 00:09	106-93-4	
Dibromomethane	ND	mg/kg	0.27	50		11/19/19 00:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	5.4	50		11/19/19 00:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.27	50		11/19/19 00:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.27	50		11/19/19 00:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.27	50		11/19/19 00:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.27	50		11/19/19 00:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.27	50		11/19/19 00:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.27	50		11/19/19 00:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.27	50		11/19/19 00:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.27	50		11/19/19 00:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.27	50		11/19/19 00:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.27	50		11/19/19 00:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.27	50		11/19/19 00:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	5.4	50		11/19/19 00:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.27	50		11/19/19 00:09	87-68-3	
n-Hexane	ND	mg/kg	0.27	50		11/19/19 00:09	110-54-3	N2
2-Hexanone	ND	mg/kg	5.4	50		11/19/19 00:09	591-78-6	
Iodomethane	ND	mg/kg	5.4	50		11/19/19 00:09	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-23(18-20) **Lab ID: 50241255011** Collected: 11/08/19 11:20 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.27	50		11/19/19 00:09	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.27	50		11/19/19 00:09	99-87-6	
Methylene Chloride	ND	mg/kg	1.1	50		11/19/19 00:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	1.3	50		11/19/19 00:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.27	50		11/19/19 00:09	1634-04-4	
n-Propylbenzene	**0.27**	mg/kg	0.27	50		11/19/19 00:09	103-65-1	
Styrene	ND	mg/kg	0.27	50		11/19/19 00:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.27	50		11/19/19 00:09	127-18-4	
Toluene	ND	mg/kg	0.27	50		11/19/19 00:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.27	50		11/19/19 00:09	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.27	50		11/19/19 00:09	79-00-5	
Trichloroethene	ND	mg/kg	0.27	50		11/19/19 00:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.27	50		11/19/19 00:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.27	50		11/19/19 00:09	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.27	50		11/19/19 00:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.27	50		11/19/19 00:09	108-67-8	
Vinyl acetate	ND	mg/kg	5.4	50		11/19/19 00:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.27	50		11/19/19 00:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.54	50		11/19/19 00:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	77-131	50		11/19/19 00:09	1868-53-7	D3
Toluene-d8 (S)	102	%.	77-127	50		11/19/19 00:09	2037-26-5	
4-Bromofluorobenzene (S)	197	%.	65-119	50		11/19/19 00:09	460-00-4	S5
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**6.9**	%	0.10	1		11/16/19 09:37		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(0-2) **Lab ID: 50241255012** Collected: 11/08/19 12:30 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.6**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 13:00	7440-38-2	
Barium	**162**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 13:00	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	11/14/19 14:28	11/15/19 13:00	7440-43-9	
Chromium	**15.7**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 13:00	7440-47-3	
Lead	**40.7**	mg/kg	1.1	1	11/14/19 14:28	11/15/19 13:00	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 14:28	11/15/19 13:00	7782-49-2	
Silver	ND	mg/kg	0.57	1	11/14/19 14:28	11/15/19 13:00	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/13/19 10:53	11/13/19 23:14	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	120-12-7	
Benzo(a)anthracene	**0.013**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	56-55-3	
Benzo(a)pyrene	**0.014**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	50-32-8	
Benzo(b)fluoranthene	**0.018**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	205-99-2	
Benzo(g,h,i)perylene	**0.011**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	191-24-2	
Benzo(k)fluoranthene	**0.011**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	207-08-9	
Chrysene	**0.014**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	53-70-3	
Fluoranthene	**0.019**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0076**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	193-39-5	
1-Methylnaphthalene	**0.012**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	90-12-0	N2
2-Methylnaphthalene	**0.014**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	91-57-6	
Naphthalene	**0.0090**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	91-20-3	R1
Phenanthrene	**0.019**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	85-01-8	
Pyrene	**0.019**	mg/kg	0.0060	1	11/18/19 10:05	11/19/19 13:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	23-107	1	11/18/19 10:05	11/19/19 13:25	321-60-8	
p-Terphenyl-d14 (S)	67	%.	16-117	1	11/18/19 10:05	11/19/19 13:25	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/19/19 00:58	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/19/19 00:58	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/19/19 00:58	107-13-1	
Benzene	ND	mg/kg	0.0065	1		11/19/19 00:58	71-43-2	
Bromobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	108-86-1	
Bromochloromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	75-27-4	
Bromoform	ND	mg/kg	0.0065	1		11/19/19 00:58	75-25-2	
Bromomethane	ND	mg/kg	0.0065	1		11/19/19 00:58	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.032	1		11/19/19 00:58	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(0-2) **Lab ID: 50241255012** Collected: 11/08/19 12:30 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	104-51-8	R1
sec-Butylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	135-98-8	R1
tert-Butylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	98-06-6	R1
Carbon disulfide	ND	mg/kg	0.013	1		11/19/19 00:58	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0065	1		11/19/19 00:58	56-23-5	
Chlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	108-90-7	
Chloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	75-00-3	
Chloroform	ND	mg/kg	0.0065	1		11/19/19 00:58	67-66-3	
Chloromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0065	1		11/19/19 00:58	95-49-8	R1
4-Chlorotoluene	ND	mg/kg	0.0065	1		11/19/19 00:58	106-43-4	R1
Dibromochloromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0065	1		11/19/19 00:58	106-93-4	
Dibromomethane	ND	mg/kg	0.0065	1		11/19/19 00:58	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/19/19 00:58	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0065	1		11/19/19 00:58	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0065	1		11/19/19 00:58	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0065	1		11/19/19 00:58	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0065	1		11/19/19 00:58	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0065	1		11/19/19 00:58	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0065	1		11/19/19 00:58	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0065	1		11/19/19 00:58	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0065	1		11/19/19 00:58	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0065	1		11/19/19 00:58	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/19/19 00:58	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0065	1		11/19/19 00:58	87-68-3	R1
n-Hexane	ND	mg/kg	0.0065	1		11/19/19 00:58	110-54-3	N2,R1
2-Hexanone	ND	mg/kg	0.13	1		11/19/19 00:58	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/19/19 00:58	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0065	1		11/19/19 00:58	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0065	1		11/19/19 00:58	99-87-6	R1
Methylene Chloride	ND	mg/kg	0.026	1		11/19/19 00:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/19/19 00:58	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0065	1		11/19/19 00:58	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	103-65-1	R1
Styrene	ND	mg/kg	0.0065	1		11/19/19 00:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0065	1		11/19/19 00:58	127-18-4	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(0-2) **Lab ID: 50241255012** Collected: 11/08/19 12:30 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0065	1		11/19/19 00:58	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0065	1		11/19/19 00:58	79-00-5	
Trichloroethene	ND	mg/kg	0.0065	1		11/19/19 00:58	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0065	1		11/19/19 00:58	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0065	1		11/19/19 00:58	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	95-63-6	R1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0065	1		11/19/19 00:58	108-67-8	R1
Vinyl acetate	ND	mg/kg	0.13	1		11/19/19 00:58	108-05-4	M1
Vinyl chloride	ND	mg/kg	0.0065	1		11/19/19 00:58	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/19/19 00:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	77-131	1		11/19/19 00:58	1868-53-7	
Toluene-d8 (S)	107	%.	77-127	1		11/19/19 00:58	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	65-119	1		11/19/19 00:58	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.2**	%	0.10	1		11/16/19 09:37		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(24-26) **Lab ID: 50241255013** Collected: 11/08/19 12:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.9**	mg/kg	0.96	1	11/14/19 14:28	11/15/19 13:07	7440-38-2	
Barium	**33.3**	mg/kg	0.96	1	11/14/19 14:28	11/15/19 13:07	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	11/14/19 14:28	11/15/19 13:07	7440-43-9	
Chromium	**13.0**	mg/kg	0.96	1	11/14/19 14:28	11/15/19 13:07	7440-47-3	
Lead	**3.7**	mg/kg	0.96	1	11/14/19 14:28	11/15/19 13:07	7439-92-1	
Selenium	ND	mg/kg	0.96	1	11/14/19 14:28	11/15/19 13:07	7782-49-2	
Silver	ND	mg/kg	0.48	1	11/14/19 14:28	11/15/19 13:07	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/13/19 10:53	11/13/19 23:26	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	91-20-3	
Phenanthrene	**0.0082**	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	11/18/19 10:05	11/19/19 10:45	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	1	11/18/19 10:05	11/19/19 10:45	321-60-8	
p-Terphenyl-d14 (S)	85	%.	16-117	1	11/18/19 10:05	11/19/19 10:45	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.099	1		11/18/19 10:18	67-64-1	
Acrolein	ND	mg/kg	0.099	1		11/18/19 10:18	107-02-8	
Acrylonitrile	ND	mg/kg	0.099	1		11/18/19 10:18	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/18/19 10:18	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/18/19 10:18	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/18/19 10:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/18/19 10:18	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(24-26) **Lab ID: 50241255013** Collected: 11/08/19 12:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	98-06-6	
Carbon disulfide	ND	mg/kg	0.0099	1		11/18/19 10:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/18/19 10:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/18/19 10:18	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 10:18	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/18/19 10:18	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/18/19 10:18	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/18/19 10:18	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.099	1		11/18/19 10:18	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 10:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 10:18	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/18/19 10:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 10:18	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 10:18	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/18/19 10:18	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 10:18	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 10:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/18/19 10:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.099	1		11/18/19 10:18	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/18/19 10:18	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/18/19 10:18	110-54-3	N2
2-Hexanone	ND	mg/kg	0.099	1		11/18/19 10:18	591-78-6	
Iodomethane	ND	mg/kg	0.099	1		11/18/19 10:18	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/18/19 10:18	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/18/19 10:18	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/18/19 10:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/18/19 10:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/18/19 10:18	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/18/19 10:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/18/19 10:18	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-24(24-26) **Lab ID: 50241255013** Collected: 11/08/19 12:55 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		11/18/19 10:18	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/18/19 10:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/18/19 10:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/18/19 10:18	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/18/19 10:18	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/18/19 10:18	108-67-8	
Vinyl acetate	ND	mg/kg	0.099	1		11/18/19 10:18	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/18/19 10:18	75-01-4	
Xylene (Total)	ND	mg/kg	0.0099	1		11/18/19 10:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	77-131	1		11/18/19 10:18	1868-53-7	
Toluene-d8 (S)	100	%.	77-127	1		11/18/19 10:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	65-119	1		11/18/19 10:18	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**5.6**	%	0.10	1		11/16/19 09:37		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(0-2) **Lab ID: 50241255014** Collected: 11/08/19 14:26 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	110	1	11/15/19 09:49	11/15/19 17:49	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	71	%.	26-140	1	11/15/19 09:49	11/15/19 17:49	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.6**	mg/kg	0.95	1	11/14/19 14:28	11/15/19 13:09	7440-38-2	
Barium	**28.2**	mg/kg	0.95	1	11/14/19 14:28	11/15/19 13:09	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	11/14/19 14:28	11/15/19 13:09	7440-43-9	
Chromium	**12.3**	mg/kg	0.95	1	11/14/19 14:28	11/15/19 13:09	7440-47-3	
Lead	**7.5**	mg/kg	0.95	1	11/14/19 14:28	11/15/19 13:09	7439-92-1	
Selenium	ND	mg/kg	0.95	1	11/14/19 14:28	11/15/19 13:09	7782-49-2	
Silver	ND	mg/kg	0.48	1	11/14/19 14:28	11/15/19 13:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/13/19 10:53	11/13/19 23:29	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	83-32-9	
Acenaphthylene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	208-96-8	
Anthracene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	120-12-7	
Benzo(a)anthracene	**0.0072**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	56-55-3	
Benzo(a)pyrene	**0.0055**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	205-99-2	
Benzo(g,h,i)perylene	**0.0066**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	191-24-2	
Benzo(k)fluoranthene	**0.0055**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	207-08-9	
Chrysene	**0.0097**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	53-70-3	
Fluoranthene	**0.013**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	206-44-0	
Fluorene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	193-39-5	
1-Methylnaphthalene	**0.018**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	90-12-0	N2
2-Methylnaphthalene	**0.021**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	91-57-6	
Naphthalene	**0.010**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	91-20-3	
Phenanthrene	**0.040**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	85-01-8	
Pyrene	**0.015**	mg/kg	0.0054	1	11/18/19 10:05	11/19/19 11:01	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	23-107	1	11/18/19 10:05	11/19/19 11:01	321-60-8	
p-Terphenyl-d14 (S)	84	%.	16-117	1	11/18/19 10:05	11/19/19 11:01	1718-51-0	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(0-2) **Lab ID: 50241255014** Collected: 11/08/19 14:26 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/19/19 11:48	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/19/19 11:48	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/19/19 11:48	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/19/19 11:48	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/19/19 11:48	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/19/19 11:48	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/19/19 11:48	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/19/19 11:48	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/19/19 11:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/19/19 11:48	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/19/19 11:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/19/19 11:48	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/19/19 11:48	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/19/19 11:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/19/19 11:48	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/19/19 11:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/19/19 11:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/19/19 11:48	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/19/19 11:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/19/19 11:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/19/19 11:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/19/19 11:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/19/19 11:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/19/19 11:48	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/19/19 11:48	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/19/19 11:48	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/19/19 11:48	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/19/19 11:48	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/19/19 11:48	74-88-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(0-2) **Lab ID: 50241255014** Collected: 11/08/19 14:26 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/19/19 11:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/19/19 11:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/19/19 11:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/19/19 11:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/19/19 11:48	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/19/19 11:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/19/19 11:48	127-18-4	
Toluene	ND	mg/kg	0.0055	1		11/19/19 11:48	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/19/19 11:48	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/19/19 11:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/19/19 11:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/19/19 11:48	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/19/19 11:48	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/19/19 11:48	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/19/19 11:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/19/19 11:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	85	%.	77-131	1		11/19/19 11:48	1868-53-7	
Toluene-d8 (S)	105	%.	77-127	1		11/19/19 11:48	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	65-119	1		11/19/19 11:48	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**8.8**	%	0.10	1		11/16/19 09:37		

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(31-33) **Lab ID: 50241255015** Collected: 11/08/19 14:46 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	114	1	11/15/19 09:49	11/15/19 17:58	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	78	%.	26-140	1	11/15/19 09:49	11/15/19 17:58	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.7**	mg/kg	0.98	1	11/14/19 14:28	11/15/19 13:11	7440-38-2	
Barium	**86.3**	mg/kg	0.98	1	11/14/19 14:28	11/15/19 13:11	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	11/14/19 14:28	11/15/19 13:11	7440-43-9	
Chromium	**14.9**	mg/kg	0.98	1	11/14/19 14:28	11/15/19 13:11	7440-47-3	
Lead	**7.3**	mg/kg	0.98	1	11/14/19 14:28	11/15/19 13:11	7439-92-1	
Selenium	ND	mg/kg	0.98	1	11/14/19 14:28	11/15/19 13:11	7782-49-2	
Silver	ND	mg/kg	0.49	1	11/14/19 14:28	11/15/19 13:11	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/13/19 10:53	11/13/19 23:31	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	208-96-8	
Anthracene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	207-08-9	
Chrysene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	53-70-3	
Fluoranthene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	206-44-0	
Fluorene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	91-57-6	
Naphthalene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	91-20-3	
Phenanthrene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	85-01-8	
Pyrene	ND	mg/kg	0.0056	1	11/18/19 10:05	11/19/19 11:18	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	23-107	1	11/18/19 10:05	11/19/19 11:18	321-60-8	
p-Terphenyl-d14 (S)	80	%.	16-117	1	11/18/19 10:05	11/19/19 11:18	1718-51-0	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(31-33) **Lab ID: 50241255015** Collected: 11/08/19 14:46 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 11:08	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 11:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 11:08	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/18/19 11:08	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/18/19 11:08	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/18/19 11:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/18/19 11:08	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 11:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/18/19 11:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/18/19 11:08	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/18/19 11:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/18/19 11:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/18/19 11:08	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/18/19 11:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 11:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/18/19 11:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/18/19 11:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/18/19 11:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/18/19 11:08	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/18/19 11:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/18/19 11:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/18/19 11:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/18/19 11:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/18/19 11:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 11:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/18/19 11:08	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/18/19 11:08	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 11:08	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 11:08	74-88-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-25(31-33) **Lab ID: 50241255015** Collected: 11/08/19 14:46 Received: 11/09/19 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/18/19 11:08	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/18/19 11:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/18/19 11:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/18/19 11:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/18/19 11:08	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/18/19 11:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1		11/18/19 11:08	127-18-4	
Toluene	ND	mg/kg	0.0053	1		11/18/19 11:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/18/19 11:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1		11/18/19 11:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/18/19 11:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/18/19 11:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/18/19 11:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 11:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/18/19 11:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 11:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	77-131	1		11/18/19 11:08	1868-53-7	
Toluene-d8 (S)	100	%.	77-127	1		11/18/19 11:08	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	65-119	1		11/18/19 11:08	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**12.3**	%	0.10	1		11/16/19 09:37		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (0-2) **Lab ID: 50241346001** Collected: 11/11/19 09:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**31.5**	mg/kg	1.2	1	11/14/19 06:08	11/14/19 13:30	7440-38-2	
Barium	**100**	mg/kg	1.2	1	11/14/19 06:08	11/14/19 13:30	7440-39-3	
Cadmium	ND	mg/kg	0.58	1	11/14/19 06:08	11/14/19 13:30	7440-43-9	
Chromium	**11.1**	mg/kg	1.2	1	11/14/19 06:08	11/14/19 13:30	7440-47-3	
Lead	**47.0**	mg/kg	1.2	1	11/14/19 06:08	11/14/19 13:30	7439-92-1	
Selenium	**2.3**	mg/kg	1.2	1	11/14/19 06:08	11/14/19 13:30	7782-49-2	
Silver	ND	mg/kg	0.58	1	11/14/19 06:08	11/14/19 13:30	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:29	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	83-32-9	
Acenaphthylene	ND	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	208-96-8	
Anthracene	**0.080**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	120-12-7	
Benzo(a)anthracene	**0.13**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	56-55-3	
Benzo(a)pyrene	**0.083**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	50-32-8	
Benzo(b)fluoranthene	**0.080**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	205-99-2	
Benzo(g,h,i)perylene	**0.068**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	191-24-2	
Benzo(k)fluoranthene	**0.090**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	207-08-9	
Chrysene	**0.17**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	53-70-3	
Fluoranthene	**0.24**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	206-44-0	
Fluorene	ND	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.039**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	193-39-5	
1-Methylnaphthalene	**0.41**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	90-12-0	N2
2-Methylnaphthalene	**0.45**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	91-57-6	
Naphthalene	**0.13**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	91-20-3	ED
Phenanthrene	**0.86**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	85-01-8	
Pyrene	**0.25**	mg/kg	0.030	5	11/18/19 10:05	11/19/19 11:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	70	%.	23-107	5	11/18/19 10:05	11/19/19 11:34	321-60-8	
p-Terphenyl-d14 (S)	67	%.	16-117	5	11/18/19 10:05	11/19/19 11:34	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.14	1		11/18/19 02:49	67-64-1	
Acrolein	ND	mg/kg	0.14	1		11/18/19 02:49	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	1		11/18/19 02:49	107-13-1	
Benzene	ND	mg/kg	0.0072	1		11/18/19 02:49	71-43-2	
Bromobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	108-86-1	
Bromochloromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	75-27-4	
Bromoform	ND	mg/kg	0.0072	1		11/18/19 02:49	75-25-2	
Bromomethane	ND	mg/kg	0.0072	1		11/18/19 02:49	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.036	1		11/18/19 02:49	78-93-3	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (0-2) **Lab ID: 50241346001** Collected: 11/11/19 09:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	1		11/18/19 02:49	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0072	1		11/18/19 02:49	56-23-5	
Chlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	108-90-7	
Chloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	75-00-3	
Chloroform	ND	mg/kg	0.0072	1		11/18/19 02:49	67-66-3	
Chloromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0072	1		11/18/19 02:49	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0072	1		11/18/19 02:49	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0072	1		11/18/19 02:49	106-93-4	
Dibromomethane	ND	mg/kg	0.0072	1		11/18/19 02:49	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	1		11/18/19 02:49	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0072	1		11/18/19 02:49	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0072	1		11/18/19 02:49	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0072	1		11/18/19 02:49	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0072	1		11/18/19 02:49	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0072	1		11/18/19 02:49	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0072	1		11/18/19 02:49	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0072	1		11/18/19 02:49	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0072	1		11/18/19 02:49	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0072	1		11/18/19 02:49	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	1		11/18/19 02:49	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0072	1		11/18/19 02:49	87-68-3	
n-Hexane	ND	mg/kg	0.0072	1		11/18/19 02:49	110-54-3	N2
2-Hexanone	ND	mg/kg	0.14	1		11/18/19 02:49	591-78-6	
Iodomethane	ND	mg/kg	0.14	1		11/18/19 02:49	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0072	1		11/18/19 02:49	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0072	1		11/18/19 02:49	99-87-6	
Methylene Chloride	ND	mg/kg	0.029	1		11/18/19 02:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.036	1		11/18/19 02:49	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0072	1		11/18/19 02:49	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	103-65-1	
Styrene	ND	mg/kg	0.0072	1		11/18/19 02:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0072	1		11/18/19 02:49	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (0-2) **Lab ID: 50241346001** Collected: 11/11/19 09:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0072	1		11/18/19 02:49	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0072	1		11/18/19 02:49	79-00-5	
Trichloroethene	ND	mg/kg	0.0072	1		11/18/19 02:49	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0072	1		11/18/19 02:49	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0072	1		11/18/19 02:49	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0072	1		11/18/19 02:49	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	1		11/18/19 02:49	108-05-4	
Vinyl chloride	ND	mg/kg	0.0072	1		11/18/19 02:49	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	1		11/18/19 02:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	77-131	1		11/18/19 02:49	1868-53-7	
Toluene-d8 (S)	133	%.	77-127	1		11/18/19 02:49	2037-26-5	S3
4-Bromofluorobenzene (S)	74	%.	65-119	1		11/18/19 02:49	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.0**	%	0.10	1		11/16/19 09:37		

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (22-24) **Lab ID: 50241346002** Collected: 11/11/19 10:15 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.4**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:45	7440-38-2	
Barium	**182**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:45	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	11/14/19 06:08	11/14/19 13:45	7440-43-9	
Chromium	**17.0**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:45	7440-47-3	
Lead	**10.3**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:45	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:45	7782-49-2	
Silver	ND	mg/kg	0.57	1	11/14/19 06:08	11/14/19 13:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:31	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 11:51	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	23-107	1	11/18/19 10:05	11/19/19 11:51	321-60-8	
p-Terphenyl-d14 (S)	78	%.	16-117	1	11/18/19 10:05	11/19/19 11:51	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 22:05	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 22:05	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 22:05	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/18/19 22:05	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/18/19 22:05	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/18/19 22:05	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/18/19 22:05	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (22-24) **Lab ID: 50241346002** Collected: 11/11/19 10:15 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 22:05	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/18/19 22:05	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/18/19 22:05	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/18/19 22:05	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/18/19 22:05	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/18/19 22:05	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/18/19 22:05	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 22:05	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/18/19 22:05	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/18/19 22:05	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/18/19 22:05	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1		11/18/19 22:05	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/18/19 22:05	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/18/19 22:05	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/18/19 22:05	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/18/19 22:05	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/18/19 22:05	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 22:05	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/18/19 22:05	87-68-3	
n-Hexane	ND	mg/kg	0.0057	1		11/18/19 22:05	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 22:05	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 22:05	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	1		11/18/19 22:05	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	1		11/18/19 22:05	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/18/19 22:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/18/19 22:05	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/18/19 22:05	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/18/19 22:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/18/19 22:05	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-26 (22-24) **Lab ID: 50241346002** Collected: 11/11/19 10:15 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0057	1		11/18/19 22:05	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/18/19 22:05	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/18/19 22:05	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/18/19 22:05	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/18/19 22:05	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	1		11/18/19 22:05	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 22:05	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/18/19 22:05	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 22:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	77-131	1		11/18/19 22:05	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/18/19 22:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	65-119	1		11/18/19 22:05	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**19.7**	%	0.10	1		11/16/19 09:56		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (0-2) **Lab ID: 50241346003** Collected: 11/11/19 10:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**14.2**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:48	7440-38-2	
Barium	**105**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:48	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 13:48	7440-43-9	
Chromium	**14.0**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:48	7440-47-3	
Lead	**18.8**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:48	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:48	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 13:48	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/14/19 10:58	11/14/19 21:33	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	83-32-9	
Acenaphthylene	**0.0073**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	208-96-8	
Anthracene	**0.019**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	120-12-7	
Benzo(a)anthracene	**0.054**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	56-55-3	
Benzo(a)pyrene	**0.050**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	50-32-8	
Benzo(b)fluoranthene	**0.054**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	205-99-2	
Benzo(g,h,i)perylene	**0.040**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	191-24-2	
Benzo(k)fluoranthene	**0.055**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	207-08-9	
Chrysene	**0.072**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	218-01-9	
Dibenz(a,h)anthracene	**0.013**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	53-70-3	
Fluoranthene	**0.11**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	206-44-0	
Fluorene	ND	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.031**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	193-39-5	
1-Methylnaphthalene	**0.017**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	90-12-0	N2
2-Methylnaphthalene	**0.021**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	91-57-6	
Naphthalene	**0.0094**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	91-20-3	
Phenanthrene	**0.098**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	85-01-8	
Pyrene	**0.10**	mg/kg	0.0057	1	11/18/19 10:05	11/19/19 12:07	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	23-107	1	11/18/19 10:05	11/19/19 12:07	321-60-8	
p-Terphenyl-d14 (S)	75	%.	16-117	1	11/18/19 10:05	11/19/19 12:07	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/18/19 03:14	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/18/19 03:14	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/18/19 03:14	107-13-1	
Benzene	ND	mg/kg	0.0062	1		11/18/19 03:14	71-43-2	
Bromobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	108-86-1	
Bromochloromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	75-27-4	
Bromoform	ND	mg/kg	0.0062	1		11/18/19 03:14	75-25-2	
Bromomethane	ND	mg/kg	0.0062	1		11/18/19 03:14	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.031	1		11/18/19 03:14	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (0-2) **Lab ID: 50241346003** Collected: 11/11/19 10:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/18/19 03:14	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0062	1		11/18/19 03:14	56-23-5	
Chlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	108-90-7	
Chloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	75-00-3	
Chloroform	ND	mg/kg	0.0062	1		11/18/19 03:14	67-66-3	
Chloromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0062	1		11/18/19 03:14	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0062	1		11/18/19 03:14	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0062	1		11/18/19 03:14	106-93-4	
Dibromomethane	ND	mg/kg	0.0062	1		11/18/19 03:14	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/18/19 03:14	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 03:14	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 03:14	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 03:14	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 03:14	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 03:14	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 03:14	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 03:14	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 03:14	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 03:14	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/18/19 03:14	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0062	1		11/18/19 03:14	87-68-3	
n-Hexane	ND	mg/kg	0.0062	1		11/18/19 03:14	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/18/19 03:14	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/18/19 03:14	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0062	1		11/18/19 03:14	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0062	1		11/18/19 03:14	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		11/18/19 03:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.031	1		11/18/19 03:14	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0062	1		11/18/19 03:14	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	103-65-1	
Styrene	ND	mg/kg	0.0062	1		11/18/19 03:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0062	1		11/18/19 03:14	127-18-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (0-2) **Lab ID: 50241346003** Collected: 11/11/19 10:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0062	1		11/18/19 03:14	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0062	1		11/18/19 03:14	79-00-5	
Trichloroethene	ND	mg/kg	0.0062	1		11/18/19 03:14	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0062	1		11/18/19 03:14	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0062	1		11/18/19 03:14	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0062	1		11/18/19 03:14	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/18/19 03:14	108-05-4	
Vinyl chloride	ND	mg/kg	0.0062	1		11/18/19 03:14	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/18/19 03:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	77-131	1		11/18/19 03:14	1868-53-7	
Toluene-d8 (S)	115	%.	77-127	1		11/18/19 03:14	2037-26-5	
4-Bromofluorobenzene (S)	81	%.	65-119	1		11/18/19 03:14	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**12.5**	%	0.10	1		11/16/19 09:56		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (18-20) **Lab ID: 50241346004** Collected: 11/11/19 11:20 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.7**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:50	7440-38-2	
Barium	**113**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:50	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 13:50	7440-43-9	
Chromium	**15.7**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:50	7440-47-3	
Lead	**11.5**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:50	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:50	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 13:50	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.26	1	11/14/19 10:58	11/14/19 21:35	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	11/18/19 10:05	11/19/19 12:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	85	%.	23-107	1	11/18/19 10:05	11/19/19 12:24	321-60-8	
p-Terphenyl-d14 (S)	83	%.	16-117	1	11/18/19 10:05	11/19/19 12:24	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 22:29	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 22:29	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 22:29	107-13-1	
Benzene	ND	mg/kg	0.0054	1		11/18/19 22:29	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		11/18/19 22:29	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		11/18/19 22:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/18/19 22:29	78-93-3	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (18-20) **Lab ID: 50241346004** Collected: 11/11/19 11:20 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 22:29	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		11/18/19 22:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		11/18/19 22:29	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 22:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		11/18/19 22:29	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		11/18/19 22:29	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		11/18/19 22:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 22:29	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 22:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 22:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		11/18/19 22:29	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 22:29	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 22:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		11/18/19 22:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 22:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 22:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		11/18/19 22:29	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 22:29	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		11/18/19 22:29	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		11/18/19 22:29	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 22:29	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 22:29	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		11/18/19 22:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		11/18/19 22:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/18/19 22:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/18/19 22:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		11/18/19 22:29	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	103-65-1	
Styrene	ND	mg/kg	0.0054	1		11/18/19 22:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		11/18/19 22:29	127-18-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-27 (18-20) **Lab ID: 50241346004** Collected: 11/11/19 11:20 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0054	1		11/18/19 22:29	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		11/18/19 22:29	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		11/18/19 22:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		11/18/19 22:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		11/18/19 22:29	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		11/18/19 22:29	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 22:29	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		11/18/19 22:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 22:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	77-131	1		11/18/19 22:29	1868-53-7	
Toluene-d8 (S)	100	%.	77-127	1		11/18/19 22:29	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/18/19 22:29	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**20.0**	%	0.10	1		11/16/19 09:56		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (0-2) **Lab ID: 50241346005** Collected: 11/11/19 11:56 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**11.4**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 13:55	7440-38-2	
Barium	**180**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 13:55	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	11/14/19 06:08	11/14/19 13:55	7440-43-9	
Chromium	**16.9**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 13:55	7440-47-3	
Lead	**34.0**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 13:55	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/14/19 06:08	11/14/19 13:55	7782-49-2	
Silver	ND	mg/kg	0.51	1	11/14/19 06:08	11/14/19 13:55	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	11/14/19 10:58	11/14/19 21:37	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	83-32-9	
Acenaphthylene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	208-96-8	
Anthracene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	120-12-7	
Benzo(a)anthracene	**0.065**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	56-55-3	
Benzo(a)pyrene	**0.060**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	50-32-8	
Benzo(b)fluoranthene	**0.053**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	205-99-2	
Benzo(g,h,i)perylene	**0.083**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	191-24-2	
Benzo(k)fluoranthene	**0.063**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	207-08-9	
Chrysene	**0.091**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	53-70-3	
Fluoranthene	**0.11**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	206-44-0	
Fluorene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.039**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	193-39-5	
1-Methylnaphthalene	**0.035**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	90-12-0	N2
2-Methylnaphthalene	**0.040**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	91-57-6	
Naphthalene	ND	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	91-20-3	ED
Phenanthrene	**0.15**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	85-01-8	
Pyrene	**0.13**	mg/kg	0.027	5	11/18/19 10:05	11/19/19 12:40	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	5	11/18/19 10:05	11/19/19 12:40	321-60-8	
p-Terphenyl-d14 (S)	80	%.	16-117	5	11/18/19 10:05	11/19/19 12:40	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/18/19 22:54	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/18/19 22:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/18/19 22:54	107-13-1	
Benzene	ND	mg/kg	0.0064	1		11/18/19 22:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	75-27-4	
Bromoform	ND	mg/kg	0.0064	1		11/18/19 22:54	75-25-2	
Bromomethane	ND	mg/kg	0.0064	1		11/18/19 22:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.032	1		11/18/19 22:54	78-93-3	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (0-2) **Lab ID: 50241346005** Collected: 11/11/19 11:56 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/18/19 22:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0064	1		11/18/19 22:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	108-90-7	
Chloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	75-00-3	
Chloroform	ND	mg/kg	0.0064	1		11/18/19 22:54	67-66-3	
Chloromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0064	1		11/18/19 22:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0064	1		11/18/19 22:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0064	1		11/18/19 22:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0064	1		11/18/19 22:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/18/19 22:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0064	1		11/18/19 22:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0064	1		11/18/19 22:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0064	1		11/18/19 22:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0064	1		11/18/19 22:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0064	1		11/18/19 22:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0064	1		11/18/19 22:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0064	1		11/18/19 22:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0064	1		11/18/19 22:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0064	1		11/18/19 22:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/18/19 22:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0064	1		11/18/19 22:54	87-68-3	
n-Hexane	ND	mg/kg	0.0064	1		11/18/19 22:54	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/18/19 22:54	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/18/19 22:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0064	1		11/18/19 22:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0064	1		11/18/19 22:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		11/18/19 22:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/18/19 22:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0064	1		11/18/19 22:54	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	103-65-1	
Styrene	ND	mg/kg	0.0064	1		11/18/19 22:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0064	1		11/18/19 22:54	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (0-2) **Lab ID: 50241346005** Collected: 11/11/19 11:56 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0064	1		11/18/19 22:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0064	1		11/18/19 22:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0064	1		11/18/19 22:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0064	1		11/18/19 22:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0064	1		11/18/19 22:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0064	1		11/18/19 22:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/18/19 22:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0064	1		11/18/19 22:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/18/19 22:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	77-131	1		11/18/19 22:54	1868-53-7	
Toluene-d8 (S)	124	%.	77-127	1		11/18/19 22:54	2037-26-5	
4-Bromofluorobenzene (S)	81	%.	65-119	1		11/18/19 22:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**7.1**	%	0.10	1		11/16/19 09:56		

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (20-22) **Lab ID: 50241346006** Collected: 11/11/19 12:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.1**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:57	7440-38-2	
Barium	**105**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:57	7440-39-3	
Cadmium	ND	mg/kg	0.57	1	11/14/19 06:08	11/14/19 13:57	7440-43-9	
Chromium	**19.0**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:57	7440-47-3	
Lead	**12.6**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:57	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 13:57	7782-49-2	
Silver	ND	mg/kg	0.57	1	11/14/19 06:08	11/14/19 13:57	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	11/14/19 10:58	11/14/19 21:39	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	53-70-3	
Fluoranthene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	91-20-3	
Phenanthrene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	85-01-8	
Pyrene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 10:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	23-107	1	11/18/19 10:26	11/19/19 10:30	321-60-8	
p-Terphenyl-d14 (S)	87	%.	16-117	1	11/18/19 10:26	11/19/19 10:30	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/18/19 23:19	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/18/19 23:19	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/18/19 23:19	107-13-1	
Benzene	ND	mg/kg	0.0058	1		11/18/19 23:19	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		11/18/19 23:19	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		11/18/19 23:19	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/18/19 23:19	78-93-3	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (20-22) **Lab ID: 50241346006** Collected: 11/11/19 12:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/18/19 23:19	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		11/18/19 23:19	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	108-90-7	
Chloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		11/18/19 23:19	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		11/18/19 23:19	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	1		11/18/19 23:19	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		11/18/19 23:19	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		11/18/19 23:19	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/18/19 23:19	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		11/18/19 23:19	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/18/19 23:19	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		11/18/19 23:19	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		11/18/19 23:19	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		11/18/19 23:19	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		11/18/19 23:19	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		11/18/19 23:19	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/18/19 23:19	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		11/18/19 23:19	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/18/19 23:19	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		11/18/19 23:19	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		11/18/19 23:19	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/18/19 23:19	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/18/19 23:19	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		11/18/19 23:19	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		11/18/19 23:19	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/18/19 23:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/18/19 23:19	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		11/18/19 23:19	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	103-65-1	
Styrene	ND	mg/kg	0.0058	1		11/18/19 23:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	1		11/18/19 23:19	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-28 (20-22) **Lab ID: 50241346006** Collected: 11/11/19 12:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0058	1		11/18/19 23:19	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		11/18/19 23:19	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		11/18/19 23:19	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		11/18/19 23:19	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		11/18/19 23:19	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		11/18/19 23:19	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/18/19 23:19	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		11/18/19 23:19	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/18/19 23:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	77-131	1		11/18/19 23:19	1868-53-7	
Toluene-d8 (S)	99	%.	77-127	1		11/18/19 23:19	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	65-119	1		11/18/19 23:19	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.0**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (0-2) **Lab ID: 50241346007** Collected: 11/11/19 13:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	118	1	11/15/19 09:49	11/18/19 13:42	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	60	%.	26-140	1	11/15/19 09:49	11/18/19 13:42	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**20.1**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:00	7440-38-2	
Barium	**98.7**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:00	7440-39-3	
Cadmium	**1.2**	mg/kg	0.56	1	11/14/19 06:08	11/14/19 14:00	7440-43-9	
Chromium	**13.9**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:00	7440-47-3	
Lead	**57.4**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:00	7439-92-1	
Selenium	**2.1**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:00	7782-49-2	
Silver	ND	mg/kg	0.56	1	11/14/19 06:08	11/14/19 14:00	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:42	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	83-32-9	
Acenaphthylene	**0.047**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	208-96-8	
Anthracene	**0.095**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	120-12-7	
Benzo(a)anthracene	**0.24**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	56-55-3	
Benzo(a)pyrene	**0.16**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	50-32-8	
Benzo(b)fluoranthene	**0.17**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	205-99-2	
Benzo(g,h,i)perylene	**0.091**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	191-24-2	
Benzo(k)fluoranthene	**0.14**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	207-08-9	
Chrysene	**0.26**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	218-01-9	
Dibenz(a,h)anthracene	**0.033**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	53-70-3	
Fluoranthene	**0.55**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	206-44-0	
Fluorene	**0.084**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.070**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	193-39-5	
1-Methylnaphthalene	**0.60**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	90-12-0	N2
2-Methylnaphthalene	**0.73**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	91-57-6	
Naphthalene	**0.25**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	91-20-3	ED
Phenanthrene	**1.7**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	85-01-8	
Pyrene	**0.50**	mg/kg	0.030	5	11/18/19 10:26	11/19/19 10:43	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	23-107	5	11/18/19 10:26	11/19/19 10:43	321-60-8	
p-Terphenyl-d14 (S)	85	%.	16-117	5	11/18/19 10:26	11/19/19 10:43	1718-51-0	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (0-2) **Lab ID: 50241346007** Collected: 11/11/19 13:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/19/19 04:27	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/19/19 04:27	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/19/19 04:27	107-13-1	
Benzene	ND	mg/kg	0.0059	1		11/19/19 04:27	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	75-27-4	
Bromoform	ND	mg/kg	0.0059	1		11/19/19 04:27	75-25-2	
Bromomethane	ND	mg/kg	0.0059	1		11/19/19 04:27	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/19/19 04:27	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/19/19 04:27	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	1		11/19/19 04:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	108-90-7	
Chloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	75-00-3	
Chloroform	ND	mg/kg	0.0059	1		11/19/19 04:27	67-66-3	
Chloromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	1		11/19/19 04:27	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	1		11/19/19 04:27	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	1		11/19/19 04:27	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	1		11/19/19 04:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/19/19 04:27	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	1		11/19/19 04:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/19/19 04:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/19/19 04:27	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	1		11/19/19 04:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	1		11/19/19 04:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	1		11/19/19 04:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	1		11/19/19 04:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/19/19 04:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/19/19 04:27	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/19/19 04:27	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	1		11/19/19 04:27	87-68-3	
n-Hexane	ND	mg/kg	0.0059	1		11/19/19 04:27	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/19/19 04:27	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/19/19 04:27	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (0-2) **Lab ID: 50241346007** Collected: 11/11/19 13:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	1		11/19/19 04:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	1		11/19/19 04:27	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/19/19 04:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/19/19 04:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	1		11/19/19 04:27	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	103-65-1	
Styrene	ND	mg/kg	0.0059	1		11/19/19 04:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	1		11/19/19 04:27	127-18-4	
Toluene	ND	mg/kg	0.0059	1		11/19/19 04:27	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	120-82-1	
1,1,1-Trichloroethane	**0.026**	mg/kg	0.0059	1		11/19/19 04:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	1		11/19/19 04:27	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	1		11/19/19 04:27	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	1		11/19/19 04:27	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	1		11/19/19 04:27	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	1		11/19/19 04:27	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/19/19 04:27	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	1		11/19/19 04:27	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/19/19 04:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	119	%.	77-131	1		11/19/19 04:27	1868-53-7	
Toluene-d8 (S)	140	%.	77-127	1		11/19/19 04:27	2037-26-5	S2
4-Bromofluorobenzene (S)	74	%.	65-119	1		11/19/19 04:27	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**16.0**	%	0.10	1		11/16/19 09:57		

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (24-26) **Lab ID: 50241346008** Collected: 11/11/19 13:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	107	1	11/15/19 09:49	11/15/19 19:11	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	60	%.	26-140	1	11/15/19 09:49	11/15/19 19:11	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:02	7440-38-2	
Barium	**13.9**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:02	7440-39-3	
Cadmium	ND	mg/kg	0.45	1	11/14/19 06:08	11/14/19 14:02	7440-43-9	
Chromium	**4.2**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:02	7440-47-3	
Lead	**5.0**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:02	7439-92-1	
Selenium	ND	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:02	7782-49-2	
Silver	ND	mg/kg	0.45	1	11/14/19 06:08	11/14/19 14:02	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	11/14/19 10:58	11/14/19 21:44	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 10:57	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	23-107	1	11/18/19 10:26	11/19/19 10:57	321-60-8	
p-Terphenyl-d14 (S)	96	%.	16-117	1	11/18/19 10:26	11/19/19 10:57	1718-51-0	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (24-26) **Lab ID: 50241346008** Collected: 11/11/19 13:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/18/19 03:39	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/18/19 03:39	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/18/19 03:39	107-13-1	
Benzene	ND	mg/kg	0.0055	1		11/18/19 03:39	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	75-27-4	
Bromoform	ND	mg/kg	0.0055	1		11/18/19 03:39	75-25-2	
Bromomethane	ND	mg/kg	0.0055	1		11/18/19 03:39	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/18/19 03:39	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/18/19 03:39	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	1		11/18/19 03:39	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	108-90-7	
Chloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	75-00-3	
Chloroform	ND	mg/kg	0.0055	1		11/18/19 03:39	67-66-3	
Chloromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	1		11/18/19 03:39	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	1		11/18/19 03:39	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	1		11/18/19 03:39	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	1		11/18/19 03:39	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/18/19 03:39	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	1		11/18/19 03:39	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/18/19 03:39	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	1		11/18/19 03:39	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	1		11/18/19 03:39	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	1		11/18/19 03:39	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	1		11/18/19 03:39	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	1		11/18/19 03:39	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/18/19 03:39	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	1		11/18/19 03:39	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/18/19 03:39	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	1		11/18/19 03:39	87-68-3	
n-Hexane	ND	mg/kg	0.0055	1		11/18/19 03:39	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/18/19 03:39	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/18/19 03:39	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-29 (24-26) **Lab ID: 50241346008** Collected: 11/11/19 13:30 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	1		11/18/19 03:39	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	1		11/18/19 03:39	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		11/18/19 03:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/18/19 03:39	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	1		11/18/19 03:39	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	103-65-1	
Styrene	ND	mg/kg	0.0055	1		11/18/19 03:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	1		11/18/19 03:39	127-18-4	
Toluene	ND	mg/kg	0.0055	1		11/18/19 03:39	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	1		11/18/19 03:39	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	1		11/18/19 03:39	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	1		11/18/19 03:39	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	1		11/18/19 03:39	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	1		11/18/19 03:39	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/18/19 03:39	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	1		11/18/19 03:39	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/18/19 03:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	77-131	1		11/18/19 03:39	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/18/19 03:39	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	65-119	1		11/18/19 03:39	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**6.8**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (0-2) **Lab ID: 50241346009** Collected: 11/11/19 14:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	116	1	11/15/19 09:49	11/15/19 19:20	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	60	%.	26-140	1	11/15/19 09:49	11/15/19 19:20	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**14.3**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:09	7440-38-2	
Barium	**84.7**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:09	7440-39-3	
Cadmium	**1.6**	mg/kg	0.54	1	11/14/19 06:08	11/14/19 14:09	7440-43-9	
Chromium	**21.4**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:09	7440-47-3	
Lead	**130**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:09	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:09	7782-49-2	
Silver	ND	mg/kg	0.54	1	11/14/19 06:08	11/14/19 14:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:52	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	83-32-9	
Acenaphthylene	ND	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	208-96-8	
Anthracene	**0.056**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	120-12-7	
Benzo(a)anthracene	**0.37**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	56-55-3	
Benzo(a)pyrene	**0.40**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	50-32-8	
Benzo(b)fluoranthene	**0.30**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	205-99-2	
Benzo(g,h,i)perylene	**0.22**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	191-24-2	
Benzo(k)fluoranthene	**0.27**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	207-08-9	
Chrysene	**0.32**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	218-01-9	
Dibenz(a,h)anthracene	**0.056**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	53-70-3	
Fluoranthene	**0.27**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	206-44-0	
Fluorene	ND	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.18**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	193-39-5	
1-Methylnaphthalene	**0.11**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	90-12-0	N2
2-Methylnaphthalene	**0.13**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	91-57-6	
Naphthalene	**0.045**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	91-20-3	ED
Phenanthrene	**0.30**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	85-01-8	
Pyrene	**0.31**	mg/kg	0.029	5	11/18/19 10:26	11/19/19 11:10	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	5	11/18/19 10:26	11/19/19 11:10	321-60-8	
p-Terphenyl-d14 (S)	97	%.	16-117	5	11/18/19 10:26	11/19/19 11:10	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (0-2) **Lab ID: 50241346009** Collected: 11/11/19 14:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		11/18/19 04:04	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/18/19 04:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/18/19 04:04	107-13-1	
Benzene	ND	mg/kg	0.0062	1		11/18/19 04:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	75-27-4	
Bromoform	ND	mg/kg	0.0062	1		11/18/19 04:04	75-25-2	
Bromomethane	ND	mg/kg	0.0062	1		11/18/19 04:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.031	1		11/18/19 04:04	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/18/19 04:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0062	1		11/18/19 04:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	108-90-7	
Chloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	75-00-3	
Chloroform	ND	mg/kg	0.0062	1		11/18/19 04:04	67-66-3	
Chloromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0062	1		11/18/19 04:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0062	1		11/18/19 04:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0062	1		11/18/19 04:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0062	1		11/18/19 04:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/18/19 04:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 04:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 04:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0062	1		11/18/19 04:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 04:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 04:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0062	1		11/18/19 04:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 04:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 04:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0062	1		11/18/19 04:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/18/19 04:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0062	1		11/18/19 04:04	87-68-3	
n-Hexane	ND	mg/kg	0.0062	1		11/18/19 04:04	110-54-3	N2
2-Hexanone	ND	mg/kg	0.12	1		11/18/19 04:04	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		11/18/19 04:04	74-88-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (0-2) **Lab ID: 50241346009** Collected: 11/11/19 14:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0062	1		11/18/19 04:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0062	1		11/18/19 04:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	1		11/18/19 04:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.031	1		11/18/19 04:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0062	1		11/18/19 04:04	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	103-65-1	
Styrene	ND	mg/kg	0.0062	1		11/18/19 04:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0062	1		11/18/19 04:04	127-18-4	
Toluene	ND	mg/kg	0.0062	1		11/18/19 04:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0062	1		11/18/19 04:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0062	1		11/18/19 04:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0062	1		11/18/19 04:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0062	1		11/18/19 04:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0062	1		11/18/19 04:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/18/19 04:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0062	1		11/18/19 04:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/18/19 04:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	77-131	1		11/18/19 04:04	1868-53-7	
Toluene-d8 (S)	133	%.	77-127	1		11/18/19 04:04	2037-26-5	S3
4-Bromofluorobenzene (S)	68	%.	65-119	1		11/18/19 04:04	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.9**	%	0.10	1		11/16/19 09:57		

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (26-28) **Lab ID: 50241346010** Collected: 11/11/19 14:37 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	104	1	11/15/19 09:49	11/15/19 19:29	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	73	%.	26-140	1	11/15/19 09:49	11/15/19 19:29	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.4**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:11	7440-38-2	
Barium	**20.7**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:11	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	11/14/19 06:08	11/14/19 14:11	7440-43-9	
Chromium	**8.1**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:11	7440-47-3	
Lead	**4.8**	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:11	7439-92-1	
Selenium	ND	mg/kg	0.91	1	11/14/19 06:08	11/14/19 14:11	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/14/19 06:08	11/14/19 14:11	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	11/14/19 10:58	11/14/19 21:54	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	120-12-7	
Benzo(a)anthracene	**0.0053**	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	53-70-3	
Fluoranthene	**0.0074**	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	85-01-8	
Pyrene	**0.0071**	mg/kg	0.0052	1	11/18/19 10:26	11/19/19 11:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	23-107	1	11/18/19 10:26	11/19/19 11:24	321-60-8	
p-Terphenyl-d14 (S)	101	%.	16-117	1	11/18/19 10:26	11/19/19 11:24	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (26-28) **Lab ID: 50241346010** Collected: 11/11/19 14:37 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.088	1		11/18/19 04:29	67-64-1	
Acrolein	ND	mg/kg	0.088	1		11/18/19 04:29	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		11/18/19 04:29	107-13-1	
Benzene	ND	mg/kg	0.0044	1		11/18/19 04:29	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		11/18/19 04:29	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		11/18/19 04:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		11/18/19 04:29	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		11/18/19 04:29	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		11/18/19 04:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		11/18/19 04:29	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		11/18/19 04:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		11/18/19 04:29	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		11/18/19 04:29	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		11/18/19 04:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		11/18/19 04:29	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		11/18/19 04:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/18/19 04:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/18/19 04:29	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		11/18/19 04:29	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		11/18/19 04:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		11/18/19 04:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		11/18/19 04:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/18/19 04:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/18/19 04:29	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		11/18/19 04:29	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		11/18/19 04:29	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		11/18/19 04:29	110-54-3	N2
2-Hexanone	ND	mg/kg	0.088	1		11/18/19 04:29	591-78-6	
Iodomethane	ND	mg/kg	0.088	1		11/18/19 04:29	74-88-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-30 (26-28) **Lab ID: 50241346010** Collected: 11/11/19 14:37 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		11/18/19 04:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		11/18/19 04:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/18/19 04:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		11/18/19 04:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		11/18/19 04:29	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	103-65-1	
Styrene	ND	mg/kg	0.0044	1		11/18/19 04:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		11/18/19 04:29	127-18-4	
Toluene	ND	mg/kg	0.0044	1		11/18/19 04:29	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		11/18/19 04:29	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		11/18/19 04:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		11/18/19 04:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		11/18/19 04:29	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		11/18/19 04:29	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		11/18/19 04:29	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		11/18/19 04:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		11/18/19 04:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	77-131	1		11/18/19 04:29	1868-53-7	
Toluene-d8 (S)	102	%.	77-127	1		11/18/19 04:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	65-119	1		11/18/19 04:29	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**4.7**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (0-2) **Lab ID: 50241346011** Collected: 11/11/19 15:01 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	117	1	11/15/19 09:49	11/15/19 19:38	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	70	%.	26-140	1	11/15/19 09:49	11/15/19 19:38	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**15.0**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:13	7440-38-2	
Barium	**110**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:13	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 14:13	7440-43-9	
Chromium	**16.9**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:13	7440-47-3	
Lead	**49.0**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:13	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:13	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 14:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:56	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	120-12-7	
Benzo(a)anthracene	**0.011**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	56-55-3	
Benzo(a)pyrene	**0.013**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	50-32-8	
Benzo(b)fluoranthene	**0.016**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	205-99-2	
Benzo(g,h,i)perylene	**0.0098**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	191-24-2	
Benzo(k)fluoranthene	**0.0082**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	207-08-9	
Chrysene	**0.012**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	53-70-3	
Fluoranthene	**0.014**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0089**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	193-39-5	
1-Methylnaphthalene	**0.014**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	90-12-0	N2
2-Methylnaphthalene	**0.019**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	91-20-3	
Phenanthrene	**0.024**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	85-01-8	
Pyrene	**0.015**	mg/kg	0.0059	1	11/18/19 10:26	11/19/19 11:37	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	23-107	1	11/18/19 10:26	11/19/19 11:37	321-60-8	
p-Terphenyl-d14 (S)	88	%.	16-117	1	11/18/19 10:26	11/19/19 11:37	1718-51-0	

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7726 Moller Road
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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (0-2) **Lab ID: 50241346011** Collected: 11/11/19 15:01 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		11/19/19 05:01	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/19/19 05:01	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/19/19 05:01	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/19/19 05:01	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/19/19 05:01	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/19/19 05:01	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		11/19/19 05:01	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/19/19 05:01	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/19/19 05:01	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/19/19 05:01	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/19/19 05:01	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/19/19 05:01	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/19/19 05:01	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/19/19 05:01	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/19/19 05:01	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/19/19 05:01	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/19/19 05:01	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/19/19 05:01	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1		11/19/19 05:01	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/19/19 05:01	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/19/19 05:01	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/19/19 05:01	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/19/19 05:01	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/19/19 05:01	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/19/19 05:01	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/19/19 05:01	87-68-3	
n-Hexane	ND	mg/kg	0.0057	1		11/19/19 05:01	110-54-3	N2
2-Hexanone	ND	mg/kg	0.11	1		11/19/19 05:01	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		11/19/19 05:01	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (0-2) **Lab ID: 50241346011** Collected: 11/11/19 15:01 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	1		11/19/19 05:01	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	1		11/19/19 05:01	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/19/19 05:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		11/19/19 05:01	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/19/19 05:01	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/19/19 05:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/19/19 05:01	127-18-4	
Toluene	ND	mg/kg	0.0057	1		11/19/19 05:01	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/19/19 05:01	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/19/19 05:01	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/19/19 05:01	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/19/19 05:01	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	1		11/19/19 05:01	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/19/19 05:01	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/19/19 05:01	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/19/19 05:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	77-131	1		11/19/19 05:01	1868-53-7	
Toluene-d8 (S)	99	%.	77-127	1		11/19/19 05:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	65-119	1		11/19/19 05:01	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**15.4**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (8-10) **Lab ID: 50241346012** Collected: 11/11/19 15:34 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	116	1	11/18/19 09:06	11/18/19 16:59	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	77	%.	26-140	1	11/18/19 09:06	11/18/19 16:59	877-09-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**10.4**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:16	7440-38-2	
Barium	**35.6**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:16	7440-39-3	
Cadmium	ND	mg/kg	0.55	1	11/14/19 06:08	11/14/19 14:16	7440-43-9	
Chromium	**9.6**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:16	7440-47-3	
Lead	**8.6**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:16	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:16	7782-49-2	
Silver	ND	mg/kg	0.55	1	11/14/19 06:08	11/14/19 14:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 21:58	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	208-96-8	
Anthracene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	207-08-9	
Chrysene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	206-44-0	
Fluorene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	91-57-6	
Naphthalene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	85-01-8	
Pyrene	ND	mg/kg	0.0058	1	11/18/19 10:26	11/19/19 11:51	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	23-107	1	11/18/19 10:26	11/19/19 11:51	321-60-8	
p-Terphenyl-d14 (S)	86	%.	16-117	1	11/18/19 10:26	11/19/19 11:51	1718-51-0	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (8-10) **Lab ID: 50241346012** Collected: 11/11/19 15:34 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.13	1		11/19/19 05:36	67-64-1	
Acrolein	ND	mg/kg	0.13	1		11/19/19 05:36	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	1		11/19/19 05:36	107-13-1	
Benzene	ND	mg/kg	0.0064	1		11/19/19 05:36	71-43-2	
Bromobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	108-86-1	
Bromochloromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	75-27-4	
Bromoform	ND	mg/kg	0.0064	1		11/19/19 05:36	75-25-2	
Bromomethane	ND	mg/kg	0.0064	1		11/19/19 05:36	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.032	1		11/19/19 05:36	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	1		11/19/19 05:36	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0064	1		11/19/19 05:36	56-23-5	
Chlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	108-90-7	
Chloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	75-00-3	
Chloroform	ND	mg/kg	0.0064	1		11/19/19 05:36	67-66-3	
Chloromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0064	1		11/19/19 05:36	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0064	1		11/19/19 05:36	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0064	1		11/19/19 05:36	106-93-4	
Dibromomethane	ND	mg/kg	0.0064	1		11/19/19 05:36	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	1		11/19/19 05:36	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0064	1		11/19/19 05:36	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0064	1		11/19/19 05:36	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0064	1		11/19/19 05:36	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0064	1		11/19/19 05:36	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0064	1		11/19/19 05:36	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0064	1		11/19/19 05:36	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0064	1		11/19/19 05:36	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0064	1		11/19/19 05:36	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0064	1		11/19/19 05:36	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	1		11/19/19 05:36	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0064	1		11/19/19 05:36	87-68-3	
n-Hexane	ND	mg/kg	0.0064	1		11/19/19 05:36	110-54-3	N2
2-Hexanone	ND	mg/kg	0.13	1		11/19/19 05:36	591-78-6	
Iodomethane	ND	mg/kg	0.13	1		11/19/19 05:36	74-88-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-31 (8-10) **Lab ID: 50241346012** Collected: 11/11/19 15:34 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0064	1		11/19/19 05:36	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0064	1		11/19/19 05:36	99-87-6	
Methylene Chloride	ND	mg/kg	0.026	1		11/19/19 05:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.032	1		11/19/19 05:36	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0064	1		11/19/19 05:36	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	103-65-1	
Styrene	ND	mg/kg	0.0064	1		11/19/19 05:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0064	1		11/19/19 05:36	127-18-4	
Toluene	ND	mg/kg	0.0064	1		11/19/19 05:36	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0064	1		11/19/19 05:36	79-00-5	
Trichloroethene	ND	mg/kg	0.0064	1		11/19/19 05:36	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0064	1		11/19/19 05:36	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0064	1		11/19/19 05:36	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0064	1		11/19/19 05:36	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	1		11/19/19 05:36	108-05-4	
Vinyl chloride	ND	mg/kg	0.0064	1		11/19/19 05:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		11/19/19 05:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	77-131	1		11/19/19 05:36	1868-53-7	
Toluene-d8 (S)	97	%.	77-127	1		11/19/19 05:36	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	65-119	1		11/19/19 05:36	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**14.1**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (0-2) **Lab ID: 50241346013** Collected: 11/11/19 16:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**14.3**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:18	7440-38-2	
Barium	**54.7**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:18	7440-39-3	
Cadmium	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 14:18	7440-43-9	
Chromium	**15.5**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:18	7440-47-3	
Lead	**12.6**	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:18	7439-92-1	
Selenium	ND	mg/kg	1.1	1	11/14/19 06:08	11/14/19 14:18	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/14/19 06:08	11/14/19 14:18	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	11/14/19 10:58	11/14/19 22:01	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	91-20-3	
Phenanthrene	**0.0068**	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	11/18/19 10:26	11/19/19 12:04	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	23-107	1	11/18/19 10:26	11/19/19 12:04	321-60-8	
p-Terphenyl-d14 (S)	90	%.	16-117	1	11/18/19 10:26	11/19/19 12:04	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.099	1		11/19/19 00:07	67-64-1	
Acrolein	ND	mg/kg	0.099	1		11/19/19 00:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.099	1		11/19/19 00:07	107-13-1	
Benzene	ND	mg/kg	0.0049	1		11/19/19 00:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	75-27-4	
Bromoform	ND	mg/kg	0.0049	1		11/19/19 00:07	75-25-2	
Bromomethane	ND	mg/kg	0.0049	1		11/19/19 00:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/19/19 00:07	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (0-2) **Lab ID: 50241346013** Collected: 11/11/19 16:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	98-06-6	
Carbon disulfide	ND	mg/kg	0.0099	1		11/19/19 00:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0049	1		11/19/19 00:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	108-90-7	
Chloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	75-00-3	
Chloroform	ND	mg/kg	0.0049	1		11/19/19 00:07	67-66-3	
Chloromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0049	1		11/19/19 00:07	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0049	1		11/19/19 00:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0049	1		11/19/19 00:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0049	1		11/19/19 00:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.099	1		11/19/19 00:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0049	1		11/19/19 00:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/19/19 00:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0049	1		11/19/19 00:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0049	1		11/19/19 00:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0049	1		11/19/19 00:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0049	1		11/19/19 00:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0049	1		11/19/19 00:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/19/19 00:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0049	1		11/19/19 00:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.099	1		11/19/19 00:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0049	1		11/19/19 00:07	87-68-3	
n-Hexane	ND	mg/kg	0.0049	1		11/19/19 00:07	110-54-3	N2
2-Hexanone	ND	mg/kg	0.099	1		11/19/19 00:07	591-78-6	
Iodomethane	ND	mg/kg	0.099	1		11/19/19 00:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0049	1		11/19/19 00:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0049	1		11/19/19 00:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/19/19 00:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/19/19 00:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0049	1		11/19/19 00:07	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	103-65-1	
Styrene	ND	mg/kg	0.0049	1		11/19/19 00:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0049	1		11/19/19 00:07	127-18-4	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (0-2) **Lab ID: 50241346013** Collected: 11/11/19 16:00 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0049	1		11/19/19 00:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0049	1		11/19/19 00:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0049	1		11/19/19 00:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0049	1		11/19/19 00:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0049	1		11/19/19 00:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0049	1		11/19/19 00:07	108-67-8	
Vinyl acetate	ND	mg/kg	0.099	1		11/19/19 00:07	108-05-4	
Vinyl chloride	ND	mg/kg	0.0049	1		11/19/19 00:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.0099	1		11/19/19 00:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	114	%.	77-131	1		11/19/19 00:07	1868-53-7	
Toluene-d8 (S)	95	%.	77-127	1		11/19/19 00:07	2037-26-5	
4-Bromofluorobenzene (S)	107	%.	65-119	1		11/19/19 00:07	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**17.0**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (24-26) **Lab ID: 50241346014** Collected: 11/11/19 16:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.8**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 14:21	7440-38-2	
Barium	**20.0**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 14:21	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	11/14/19 06:08	11/14/19 14:21	7440-43-9	
Chromium	**25.3**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 14:21	7440-47-3	
Lead	**4.5**	mg/kg	1.0	1	11/14/19 06:08	11/14/19 14:21	7439-92-1	
Selenium	ND	mg/kg	1.0	1	11/14/19 06:08	11/14/19 14:21	7782-49-2	
Silver	ND	mg/kg	0.50	1	11/14/19 06:08	11/14/19 14:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	11/14/19 10:58	11/14/19 22:03	7439-97-6	
8270 PAH Soil	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	205-99-2	R1
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	90-12-0	N2
2-Methylnaphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	11/18/19 10:26	11/19/19 12:18	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	23-107	1	11/18/19 10:26	11/19/19 12:18	321-60-8	
p-Terphenyl-d14 (S)	98	%.	16-117	1	11/18/19 10:26	11/19/19 12:18	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.092	1		11/19/19 00:41	67-64-1	
Acrolein	ND	mg/kg	0.092	1		11/19/19 00:41	107-02-8	
Acrylonitrile	ND	mg/kg	0.092	1		11/19/19 00:41	107-13-1	
Benzene	ND	mg/kg	0.0046	1		11/19/19 00:41	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	75-27-4	
Bromoform	ND	mg/kg	0.0046	1		11/19/19 00:41	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1		11/19/19 00:41	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/19/19 00:41	78-93-3	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (24-26) **Lab ID: 50241346014** Collected: 11/11/19 16:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	98-06-6	
Carbon disulfide	ND	mg/kg	0.0092	1		11/19/19 00:41	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1		11/19/19 00:41	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	75-00-3	
Chloroform	ND	mg/kg	0.0046	1		11/19/19 00:41	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	1		11/19/19 00:41	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	1		11/19/19 00:41	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	1		11/19/19 00:41	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	1		11/19/19 00:41	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.092	1		11/19/19 00:41	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1		11/19/19 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/19/19 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1		11/19/19 00:41	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1		11/19/19 00:41	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	1		11/19/19 00:41	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	1		11/19/19 00:41	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	1		11/19/19 00:41	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/19/19 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1		11/19/19 00:41	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.092	1		11/19/19 00:41	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	1		11/19/19 00:41	87-68-3	
n-Hexane	ND	mg/kg	0.0046	1		11/19/19 00:41	110-54-3	N2
2-Hexanone	ND	mg/kg	0.092	1		11/19/19 00:41	591-78-6	
Iodomethane	ND	mg/kg	0.092	1		11/19/19 00:41	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	1		11/19/19 00:41	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	1		11/19/19 00:41	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/19/19 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/19/19 00:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1		11/19/19 00:41	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	103-65-1	
Styrene	ND	mg/kg	0.0046	1		11/19/19 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1		11/19/19 00:41	127-18-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: B-32 (24-26) **Lab ID: 50241346014** Collected: 11/11/19 16:40 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0046	1		11/19/19 00:41	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1		11/19/19 00:41	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1		11/19/19 00:41	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1		11/19/19 00:41	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	1		11/19/19 00:41	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	1		11/19/19 00:41	108-67-8	
Vinyl acetate	ND	mg/kg	0.092	1		11/19/19 00:41	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	1		11/19/19 00:41	75-01-4	
Xylene (Total)	ND	mg/kg	0.0092	1		11/19/19 00:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	77-131	1		11/19/19 00:41	1868-53-7	
Toluene-d8 (S)	101	%.	77-127	1		11/19/19 00:41	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	65-119	1		11/19/19 00:41	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
Percent Moisture	**6.6**	%	0.10	1		11/16/19 09:57		

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB5 **Lab ID: 50241346015** Collected: 11/11/19 08:50 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		11/19/19 01:16	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/19/19 01:16	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/19/19 01:16	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/19/19 01:16	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/19/19 01:16	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/19/19 01:16	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/19/19 01:16	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/19/19 01:16	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/19/19 01:16	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/19/19 01:16	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/19/19 01:16	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/19/19 01:16	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/19/19 01:16	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/19/19 01:16	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/19/19 01:16	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/19/19 01:16	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/19/19 01:16	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/19/19 01:16	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/19/19 01:16	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/19/19 01:16	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/19/19 01:16	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/19/19 01:16	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/19/19 01:16	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/19/19 01:16	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/19/19 01:16	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/19/19 01:16	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/19/19 01:16	110-54-3	N2
2-Hexanone	ND	mg/kg	0.10	1		11/19/19 01:16	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		11/19/19 01:16	74-88-4	

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ANALYTICAL RESULTS

Project: Can City Facility
Pace Project No.: 50240510

Sample: TB5 **Lab ID: 50241346015** Collected: 11/11/19 08:50 Received: 11/12/19 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/19/19 01:16	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/19/19 01:16	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/19/19 01:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/19/19 01:16	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/19/19 01:16	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/19/19 01:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/19/19 01:16	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/19/19 01:16	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/19/19 01:16	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/19/19 01:16	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/19/19 01:16	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/19/19 01:16	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/19/19 01:16	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/19/19 01:16	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/19/19 01:16	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/19/19 01:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	77-131	1		11/19/19 01:16	1868-53-7	
Toluene-d8 (S)	98	%.	77-127	1		11/19/19 01:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	65-119	1		11/19/19 01:16	460-00-4	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531103 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50240510001, 50240510002, 50240510003, 50240510004, 50240510005

METHOD BLANK: 2450633 Matrix: Solid
Associated Lab Samples: 50240510001, 50240510002, 50240510003, 50240510004, 50240510005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.21	11/11/19 08:41	

LABORATORY CONTROL SAMPLE: 2450634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.52	0.54	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2450635 2450636

Parameter	Units	50240440001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.63	0.58	0.66	0.62	100	101	75-125	6	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531104 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50240510006, 50240510007, 50240510008, 50240510009

METHOD BLANK: 2450637 Matrix: Solid
Associated Lab Samples: 50240510006, 50240510007, 50240510008, 50240510009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	11/08/19 09:28	

LABORATORY CONTROL SAMPLE: 2450638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.50	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2450639 2450640

Parameter	Units	50240510006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.57	0.56	0.59	0.59	102	102	75-125	1	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531703 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016

METHOD BLANK: 2453957 Matrix: Solid
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.19	11/11/19 11:02	

LABORATORY CONTROL SAMPLE: 2453958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.50	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2453959 2453960

Parameter	Units	50240705006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.63	0.6	0.68	0.62	103	99	75-125	9	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532111 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870010, 50240870012

METHOD BLANK: 2456342 Matrix: Solid
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870010, 50240870012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	11/12/19 09:52	

LABORATORY CONTROL SAMPLE: 2456343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.49	0.51	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456344 2456345

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.61	0.61	0.67	0.68	106	108	75-125	2	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532334 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

METHOD BLANK: 2456973 Matrix: Solid
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.19	11/12/19 12:30	

LABORATORY CONTROL SAMPLE: 2456974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.51	0.50	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456975 2456976

Parameter	Units	50241089001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.5	0.49	0.58	0.51	116	103	75-125	13	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532635 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015

METHOD BLANK: 2458074 Matrix: Solid
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	11/13/19 22:40	

LABORATORY CONTROL SAMPLE: 2458075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.52	0.56	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458076 2458077

Parameter	Units	50241255004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.61	0.6	0.68	0.68	112	113	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458078 2458079

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.6	0.6	0.74	0.74	108	110	75-125	1	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532888 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 50241346001, 50241346002, 50241346003, 50241346004, 50241346005, 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

METHOD BLANK: 2459135 Matrix: Solid
Associated Lab Samples: 50241346001, 50241346002, 50241346003, 50241346004, 50241346005, 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.19	11/14/19 21:08	

LABORATORY CONTROL SAMPLE: 2459136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.48	0.49	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459137 2459138

Parameter	Units	50241335002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	0.61	0.6	0.66	0.66	103	103	75-125	1	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531020 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50240510001, 50240510002, 50240510003, 50240510004, 50240510005, 50240510006, 50240510007, 50240510008, 50240510009

METHOD BLANK: 2450211 Matrix: Solid
Associated Lab Samples: 50240510001, 50240510002, 50240510003, 50240510004, 50240510005, 50240510006, 50240510007, 50240510008, 50240510009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/11/19 10:42	
Barium	mg/kg	ND	1.0	11/11/19 10:42	
Cadmium	mg/kg	ND	0.50	11/11/19 10:42	
Chromium	mg/kg	ND	1.0	11/11/19 10:42	
Lead	mg/kg	ND	1.0	11/11/19 10:42	
Selenium	mg/kg	ND	1.0	11/11/19 10:42	
Silver	mg/kg	ND	0.50	11/11/19 10:42	

LABORATORY CONTROL SAMPLE: 2450212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.4	97	80-120	
Barium	mg/kg	50	49.7	99	80-120	
Cadmium	mg/kg	50	50.2	100	80-120	
Chromium	mg/kg	50	50.5	101	80-120	
Lead	mg/kg	50	49.6	99	80-120	
Selenium	mg/kg	50	48.9	98	80-120	
Silver	mg/kg	25	24.8	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2450213 2450214

Parameter	Units	50240279001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	ND	10.1	10	9.4	9.5	93	94	75-125	0	20	
Barium	mg/kg	0.24	10.1	10	9.7	9.8	94	95	75-125	0	20	
Cadmium	mg/kg	ND	10.1	10	9.8	9.9	97	98	75-125	1	20	
Chromium	mg/kg	0.85	10.1	10	10.5	10.6	96	97	75-125	1	20	
Lead	mg/kg	0.36	10.1	10	9.9	10	94	96	75-125	1	20	
Selenium	mg/kg	ND	10.1	10	9.5	9.6	94	95	75-125	1	20	
Silver	mg/kg	ND	5.1	5	4.8	4.8	95	96	75-125	0	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531288 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016

METHOD BLANK: 2451652 Matrix: Solid
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/07/19 14:43	
Barium	mg/kg	ND	1.0	11/07/19 14:43	
Cadmium	mg/kg	ND	0.50	11/07/19 14:43	
Chromium	mg/kg	ND	1.0	11/07/19 14:43	
Lead	mg/kg	ND	1.0	11/07/19 14:43	
Selenium	mg/kg	ND	1.0	11/07/19 14:43	
Silver	mg/kg	ND	0.50	11/07/19 14:43	

LABORATORY CONTROL SAMPLE: 2451653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.7	95	80-120	
Barium	mg/kg	50	49.2	98	80-120	
Cadmium	mg/kg	50	48.4	97	80-120	
Chromium	mg/kg	50	48.8	98	80-120	
Lead	mg/kg	50	46.9	94	80-120	
Selenium	mg/kg	50	48.8	98	80-120	
Silver	mg/kg	25	22.6	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2451654 2451655

Parameter	Units	50240705006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.3	57.2	55	54.8	52.0	81	80	75-125	5	20	
Barium	mg/kg	105	57.2	55	154	156	86	92	75-125	1	20	
Cadmium	mg/kg	ND	57.2	55	48.6	45.9	84	83	75-125	6	20	
Chromium	mg/kg	16.6	57.2	55	62.5	61.1	80	81	75-125	2	20	
Lead	mg/kg	11.1	57.2	55	51.5	50.1	70	71	75-125	3	20	M3
Selenium	mg/kg	ND	57.2	55	46.1	43.3	81	79	75-125	6	20	
Silver	mg/kg	ND	28.7	27.4	22.7	21.5	79	78	75-125	6	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531748 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870010, 50240870012

METHOD BLANK: 2454128 Matrix: Solid
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870010, 50240870012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/11/19 14:51	
Barium	mg/kg	ND	1.0	11/11/19 14:51	
Cadmium	mg/kg	ND	0.50	11/11/19 14:51	
Chromium	mg/kg	ND	1.0	11/11/19 14:51	
Lead	mg/kg	ND	1.0	11/11/19 14:51	
Selenium	mg/kg	ND	1.0	11/11/19 14:51	
Silver	mg/kg	ND	0.50	11/11/19 14:51	

LABORATORY CONTROL SAMPLE: 2454129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.5	97	80-120	
Barium	mg/kg	50	50.2	100	80-120	
Cadmium	mg/kg	50	49.0	98	80-120	
Chromium	mg/kg	50	50.7	101	80-120	
Lead	mg/kg	50	49.2	98	80-120	
Selenium	mg/kg	50	48.9	98	80-120	
Silver	mg/kg	25	25.4	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2454130 2454131

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.0	59.6	58.8	58.1	55.3	84	81	75-125	5	20	
Barium	mg/kg	45.2	59.6	58.8	100	273	92	388	75-125	93	20	M0
Cadmium	mg/kg	ND	59.6	58.8	51.2	48.6	86	82	75-125	5	20	
Chromium	mg/kg	16.6	59.6	58.8	69.4	66.5	89	85	75-125	4	20	
Lead	mg/kg	11.7	59.6	58.8	58.7	56.9	79	77	75-125	3	20	
Selenium	mg/kg	ND	59.6	58.8	49.0	46.2	82	79	75-125	6	20	
Silver	mg/kg	ND	29.8	29.4	26.3	25.0	88	85	75-125	5	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2454132 2454133

Parameter	Units	50240912007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.3	87.1	77.6	80.1	71.6	86	85	75-125	11	20	
Barium	mg/kg	97.4	87.1	77.6	168	156	80	75	75-125	7	20	
Cadmium	mg/kg	ND	87.1	77.6	77.7	69.1	89	89	75-125	12	20	
Chromium	mg/kg	17.5	87.1	77.6	95.5	85.3	90	87	75-125	11	20	
Lead	mg/kg	17.7	87.1	77.6	86.3	76.6	79	76	75-125	12	20	
Selenium	mg/kg	ND	87.1	77.6	76.0	67.9	87	87	75-125	11	20	
Silver	mg/kg	ND	43.6	38.8	39.9	35.4	92	91	75-125	12	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531865 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

METHOD BLANK: 2454775 Matrix: Solid
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/13/19 11:12	
Barium	mg/kg	ND	1.0	11/13/19 11:12	
Cadmium	mg/kg	ND	0.50	11/13/19 11:12	
Chromium	mg/kg	ND	1.0	11/13/19 11:12	
Lead	mg/kg	ND	1.0	11/13/19 11:12	
Selenium	mg/kg	ND	1.0	11/13/19 11:12	
Silver	mg/kg	ND	0.50	11/13/19 11:12	

LABORATORY CONTROL SAMPLE: 2454776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.0	94	80-120	
Barium	mg/kg	50	51.8	104	80-120	
Cadmium	mg/kg	50	45.9	92	80-120	
Chromium	mg/kg	50	47.3	95	80-120	
Lead	mg/kg	50	49.7	99	80-120	
Selenium	mg/kg	50	48.3	97	80-120	
Silver	mg/kg	25	24.6	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2454777 2454778

Parameter	Units	50241090038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	9.4	52	51.6	53.4	55.0	85	88	75-125	3	20	
Barium	mg/kg	66.0	52	51.6	120	120	103	105	75-125	1	20	
Cadmium	mg/kg	0.54	52	51.6	45.3	44.3	86	85	75-125	2	20	
Chromium	mg/kg	17.6	52	51.6	62.0	59.4	86	81	75-125	4	20	
Lead	mg/kg	50.9	52	51.6	84.9	76.4	66	50	75-125	10	20	M3
Selenium	mg/kg	ND	52	51.6	46.9	45.6	90	88	75-125	3	20	
Silver	mg/kg	ND	25.9	25.8	23.9	23.4	92	90	75-125	2	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532412 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015

METHOD BLANK: 2457165 Matrix: Solid
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/15/19 12:16	
Barium	mg/kg	ND	1.0	11/15/19 12:16	
Cadmium	mg/kg	ND	0.50	11/15/19 12:16	
Chromium	mg/kg	ND	1.0	11/15/19 12:16	
Lead	mg/kg	ND	1.0	11/15/19 12:16	
Selenium	mg/kg	ND	1.0	11/15/19 12:16	
Silver	mg/kg	ND	0.50	11/15/19 12:16	

LABORATORY CONTROL SAMPLE: 2457166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	46.7	93	80-120	
Barium	mg/kg	50	49.3	99	80-120	
Cadmium	mg/kg	50	48.7	97	80-120	
Chromium	mg/kg	50	49.0	98	80-120	
Lead	mg/kg	50	49.2	98	80-120	
Selenium	mg/kg	50	48.5	97	80-120	
Silver	mg/kg	25	24.4	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457167 2457168

Parameter	Units	50241255004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.7	56.5	56.9	47.8	48.4	75	75	75-125	1	20	
Barium	mg/kg	151	56.5	56.9	178	176	48	43	75-125	2	20	M3
Cadmium	mg/kg	ND	56.5	56.9	42.3	42.5	75	74	75-125	0	20	M0
Chromium	mg/kg	17.1	56.5	56.9	60.0	60.6	76	76	75-125	1	20	
Lead	mg/kg	7.8	56.5	56.9	51.8	50.7	78	75	75-125	2	20	
Selenium	mg/kg	ND	56.5	56.9	40.1	40.0	71	70	75-125	0	20	M3
Silver	mg/kg	ND	28.2	28.4	21.5	21.6	76	76	75-125	0	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457169 2457170

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.6	56.9	56.8	50.7	53.1	74	78	75-125	5	20	M0
Barium	mg/kg	162	56.9	56.8	214	188	92	47	75-125	13	20	M0
Cadmium	mg/kg	ND	56.9	56.8	44.9	46.3	78	81	75-125	3	20	
Chromium	mg/kg	15.7	56.9	56.8	60.0	57.5	78	74	75-125	4	20	M0
Lead	mg/kg	40.7	56.9	56.8	92.9	98.2	92	101	75-125	6	20	
Selenium	mg/kg	ND	56.9	56.8	42.3	43.5	74	76	75-125	3	20	M0
Silver	mg/kg	ND	28.4	28.4	23.4	24.0	82	85	75-125	3	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532846 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50241346001, 50241346002, 50241346003, 50241346004, 50241346005, 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

METHOD BLANK: 2459015 Matrix: Solid
Associated Lab Samples: 50241346001, 50241346002, 50241346003, 50241346004, 50241346005, 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	11/14/19 13:23	
Barium	mg/kg	ND	1.0	11/14/19 13:23	
Cadmium	mg/kg	ND	0.50	11/14/19 13:23	
Chromium	mg/kg	ND	1.0	11/14/19 13:23	
Lead	mg/kg	ND	1.0	11/14/19 13:23	
Selenium	mg/kg	ND	1.0	11/14/19 13:23	
Silver	mg/kg	ND	0.50	11/14/19 13:23	

LABORATORY CONTROL SAMPLE: 2459016

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.7	97	80-120	
Barium	mg/kg	50	50.6	101	80-120	
Cadmium	mg/kg	50	50.4	101	80-120	
Chromium	mg/kg	50	50.2	100	80-120	
Lead	mg/kg	50	51.7	103	80-120	
Selenium	mg/kg	50	48.6	97	80-120	
Silver	mg/kg	25	25.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459017 2459018

Parameter	Units	50241346001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	31.5	52	55.6	70.2	77.1	75	82	75-125	9	20	
Barium	mg/kg	100	52	55.6	164	156	123	100	75-125	5	20	
Cadmium	mg/kg	ND	52	55.6	50.3	53.7	96	96	75-125	6	20	
Chromium	mg/kg	11.1	52	55.6	62.4	66.2	99	99	75-125	6	20	
Lead	mg/kg	47.0	52	55.6	101	869	104	1480	75-125	158	20	1d,M0
Selenium	mg/kg	2.3	52	55.6	50.2	53.6	92	92	75-125	7	20	
Silver	mg/kg	ND	26	27.7	25.3	27.4	97	99	75-125	8	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531629 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013

METHOD BLANK: 2453367 Matrix: Solid
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/08/19 03:16	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/08/19 03:16	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/08/19 03:16	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/08/19 03:16	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/08/19 03:16	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/08/19 03:16	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/08/19 03:16	
2-Butanone (MEK)	mg/kg	ND	0.025	11/08/19 03:16	
2-Chlorotoluene	mg/kg	ND	0.0050	11/08/19 03:16	
2-Hexanone	mg/kg	ND	0.10	11/08/19 03:16	
4-Chlorotoluene	mg/kg	ND	0.0050	11/08/19 03:16	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/08/19 03:16	
Acetone	mg/kg	ND	0.10	11/08/19 03:16	
Acrolein	mg/kg	ND	0.10	11/08/19 03:16	
Acrylonitrile	mg/kg	ND	0.10	11/08/19 03:16	
Benzene	mg/kg	ND	0.0050	11/08/19 03:16	
Bromobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
Bromochloromethane	mg/kg	ND	0.0050	11/08/19 03:16	
Bromodichloromethane	mg/kg	ND	0.0050	11/08/19 03:16	
Bromoform	mg/kg	ND	0.0050	11/08/19 03:16	
Bromomethane	mg/kg	ND	0.0050	11/08/19 03:16	
Carbon disulfide	mg/kg	ND	0.010	11/08/19 03:16	
Carbon tetrachloride	mg/kg	ND	0.0050	11/08/19 03:16	
Chlorobenzene	mg/kg	ND	0.0050	11/08/19 03:16	
Chloroethane	mg/kg	ND	0.0050	11/08/19 03:16	
Chloroform	mg/kg	ND	0.0050	11/08/19 03:16	
Chloromethane	mg/kg	ND	0.0050	11/08/19 03:16	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2453367 Matrix: Solid

Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008, 50240705009, 50240705010, 50240705011, 50240705012, 50240705013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/08/19 03:16	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/08/19 03:16	
Dibromochloromethane	mg/kg	ND	0.0050	11/08/19 03:16	
Dibromomethane	mg/kg	ND	0.0050	11/08/19 03:16	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/08/19 03:16	
Ethyl methacrylate	mg/kg	ND	0.10	11/08/19 03:16	
Ethylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/08/19 03:16	
Iodomethane	mg/kg	ND	0.10	11/08/19 03:16	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/08/19 03:16	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/08/19 03:16	
Methylene Chloride	mg/kg	ND	0.020	11/08/19 03:16	
n-Butylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
n-Hexane	mg/kg	ND	0.0050	11/08/19 03:16	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/08/19 03:16	
sec-Butylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
Styrene	mg/kg	ND	0.0050	11/08/19 03:16	
tert-Butylbenzene	mg/kg	ND	0.0050	11/08/19 03:16	
Tetrachloroethene	mg/kg	ND	0.0050	11/08/19 03:16	
Toluene	mg/kg	ND	0.0050	11/08/19 03:16	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/08/19 03:16	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/08/19 03:16	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/08/19 03:16	
Trichloroethene	mg/kg	ND	0.0050	11/08/19 03:16	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/08/19 03:16	
Vinyl acetate	mg/kg	ND	0.10	11/08/19 03:16	
Vinyl chloride	mg/kg	ND	0.0050	11/08/19 03:16	
Xylene (Total)	mg/kg	ND	0.010	11/08/19 03:16	
4-Bromofluorobenzene (S)	%.	99	65-119	11/08/19 03:16	
Dibromofluoromethane (S)	%.	107	77-131	11/08/19 03:16	
Toluene-d8 (S)	%.	97	77-127	11/08/19 03:16	

LABORATORY CONTROL SAMPLE: 2453368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.055	109	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.051	103	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.054	109	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.041	83	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.054	108	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.051	101	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.053	106	77-125	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2453368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.05	0.053	106	74-119	
Chlorobenzene	mg/kg	0.05	0.047	94	76-113	
Chloroform	mg/kg	0.05	0.052	103	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.054	107	70-122	
Ethylbenzene	mg/kg	0.05	0.048	95	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.047	93	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.056	113	74-131	
Tetrachloroethene	mg/kg	0.05	0.040	81	70-116	
Toluene	mg/kg	0.05	0.048	96	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.054	109	70-120	
Trichloroethene	mg/kg	0.05	0.047	94	74-120	
Vinyl chloride	mg/kg	0.05	0.045	90	58-133	
Xylene (Total)	mg/kg	0.15	0.14	94	71-119	
4-Bromofluorobenzene (S)	%.			98	65-119	
Dibromofluoromethane (S)	%.			106	77-131	
Toluene-d8 (S)	%.			97	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2453369 2453370

Parameter	Units	50240705006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	ND	0.05	0.05	0.050	0.050	101	101	48-141	0	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.05	0.05	0.048	0.044	96	89	14-173	7	20	
1,1-Dichloroethene	mg/kg	ND	0.05	0.05	0.050	0.052	101	104	43-151	3	20	
1,2,4-Trimethylbenzene	mg/kg	ND	0.05	0.05	0.018	0.020	35	40	10-162	12	20	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.05	0.05	0.044	0.048	88	96	39-147	9	20	
1,2-Dichloroethane	mg/kg	ND	0.05	0.05	0.047	0.048	94	97	45-135	3	20	
1,2-Dichloropropane	mg/kg	ND	0.05	0.05	0.047	0.048	95	96	41-147	2	20	
Benzene	mg/kg	ND	0.05	0.05	0.044	0.047	88	94	38-144	7	20	
Chlorobenzene	mg/kg	ND	0.05	0.05	0.025	0.031	50	63	30-134	22	20	R1
Chloroform	mg/kg	ND	0.05	0.05	0.047	0.049	94	98	40-139	4	20	
cis-1,2-Dichloroethene	mg/kg	ND	0.05	0.05	0.046	0.049	93	98	43-136	5	20	
Ethylbenzene	mg/kg	ND	0.05	0.05	0.027	0.029	55	59	23-146	8	20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.05	0.05	0.023	0.025	47	50	22-147	8	20	
Methyl-tert-butyl ether	mg/kg	ND	0.05	0.05	0.057	0.059	115	118	54-151	3	20	
Tetrachloroethene	mg/kg	0.0061	0.05	0.05	0.039	0.030	67	48	25-147	26	20	R1
Toluene	mg/kg	ND	0.05	0.05	0.034	0.037	68	73	31-144	8	20	
trans-1,2-Dichloroethene	mg/kg	ND	0.05	0.05	0.046	0.049	92	97	41-138	7	20	
Trichloroethene	mg/kg	ND	0.05	0.05	0.036	0.039	73	78	22-167	8	20	
Vinyl chloride	mg/kg	ND	0.05	0.05	0.045	0.046	91	91	40-150	1	20	
Xylene (Total)	mg/kg	ND	0.15	0.15	0.074	0.085	49	57	20-146	14	20	
4-Bromofluorobenzene (S)	%.						91	96	65-119			
Dibromofluoromethane (S)	%.						108	105	77-131			
Toluene-d8 (S)	%.						102	98	77-127			

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531874 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240705014, 50240705015, 50240705016, 50240705017

METHOD BLANK: 2454836 Matrix: Solid
Associated Lab Samples: 50240705014, 50240705015, 50240705016, 50240705017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/08/19 15:01	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/08/19 15:01	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/08/19 15:01	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/08/19 15:01	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/08/19 15:01	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/08/19 15:01	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/08/19 15:01	
2-Butanone (MEK)	mg/kg	ND	0.025	11/08/19 15:01	
2-Chlorotoluene	mg/kg	ND	0.0050	11/08/19 15:01	
2-Hexanone	mg/kg	ND	0.10	11/08/19 15:01	
4-Chlorotoluene	mg/kg	ND	0.0050	11/08/19 15:01	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/08/19 15:01	
Acetone	mg/kg	ND	0.10	11/08/19 15:01	
Acrolein	mg/kg	ND	0.10	11/08/19 15:01	
Acrylonitrile	mg/kg	ND	0.10	11/08/19 15:01	
Benzene	mg/kg	ND	0.0050	11/08/19 15:01	
Bromobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
Bromochloromethane	mg/kg	ND	0.0050	11/08/19 15:01	
Bromodichloromethane	mg/kg	ND	0.0050	11/08/19 15:01	
Bromoform	mg/kg	ND	0.0050	11/08/19 15:01	
Bromomethane	mg/kg	ND	0.0050	11/08/19 15:01	
Carbon disulfide	mg/kg	ND	0.010	11/08/19 15:01	
Carbon tetrachloride	mg/kg	ND	0.0050	11/08/19 15:01	
Chlorobenzene	mg/kg	ND	0.0050	11/08/19 15:01	
Chloroethane	mg/kg	ND	0.0050	11/08/19 15:01	
Chloroform	mg/kg	ND	0.0050	11/08/19 15:01	
Chloromethane	mg/kg	ND	0.0050	11/08/19 15:01	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/08/19 15:01	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2454836 Matrix: Solid
Associated Lab Samples: 50240705014, 50240705015, 50240705016, 50240705017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/08/19 15:01	
Dibromochloromethane	mg/kg	ND	0.0050	11/08/19 15:01	
Dibromomethane	mg/kg	ND	0.0050	11/08/19 15:01	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/08/19 15:01	
Ethyl methacrylate	mg/kg	ND	0.10	11/08/19 15:01	
Ethylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/08/19 15:01	
Iodomethane	mg/kg	ND	0.10	11/08/19 15:01	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/08/19 15:01	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/08/19 15:01	
Methylene Chloride	mg/kg	ND	0.020	11/08/19 15:01	
n-Butylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
n-Hexane	mg/kg	ND	0.0050	11/08/19 15:01	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/08/19 15:01	
sec-Butylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
Styrene	mg/kg	ND	0.0050	11/08/19 15:01	
tert-Butylbenzene	mg/kg	ND	0.0050	11/08/19 15:01	
Tetrachloroethene	mg/kg	ND	0.0050	11/08/19 15:01	
Toluene	mg/kg	ND	0.0050	11/08/19 15:01	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/08/19 15:01	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/08/19 15:01	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/08/19 15:01	
Trichloroethene	mg/kg	ND	0.0050	11/08/19 15:01	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/08/19 15:01	
Vinyl acetate	mg/kg	ND	0.10	11/08/19 15:01	
Vinyl chloride	mg/kg	ND	0.0050	11/08/19 15:01	
Xylene (Total)	mg/kg	ND	0.010	11/08/19 15:01	
4-Bromofluorobenzene (S)	%.	99	65-119	11/08/19 15:01	
Dibromofluoromethane (S)	%.	111	77-131	11/08/19 15:01	
Toluene-d8 (S)	%.	94	77-127	11/08/19 15:01	

LABORATORY CONTROL SAMPLE: 2454837

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.054	107	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.046	92	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.053	107	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.047	95	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.051	101	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.049	98	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.051	102	77-125	
Benzene	mg/kg	0.05	0.052	104	74-119	
Chlorobenzene	mg/kg	0.05	0.048	97	76-113	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2454837

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.051	101	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.052	105	70-122	
Ethylbenzene	mg/kg	0.05	0.050	100	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.049	98	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.052	105	74-131	
Tetrachloroethene	mg/kg	0.05	0.044	88	70-116	
Toluene	mg/kg	0.05	0.048	95	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.055	109	70-120	
Trichloroethene	mg/kg	0.05	0.050	100	74-120	
Vinyl chloride	mg/kg	0.05	0.042	85	58-133	
Xylene (Total)	mg/kg	0.15	0.15	98	71-119	
4-Bromofluorobenzene (S)	%.			99	65-119	
Dibromofluoromethane (S)	%.			107	77-131	
Toluene-d8 (S)	%.			97	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532082 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240510002, 50240510003, 50240510007

METHOD BLANK: 2456296 Matrix: Solid
Associated Lab Samples: 50240510002, 50240510003, 50240510007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/10/19 11:03	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/10/19 11:03	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/10/19 11:03	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/10/19 11:03	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/10/19 11:03	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/10/19 11:03	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/10/19 11:03	
2-Butanone (MEK)	mg/kg	ND	0.025	11/10/19 11:03	
2-Chlorotoluene	mg/kg	ND	0.0050	11/10/19 11:03	
2-Hexanone	mg/kg	ND	0.10	11/10/19 11:03	
4-Chlorotoluene	mg/kg	ND	0.0050	11/10/19 11:03	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/10/19 11:03	
Acetone	mg/kg	ND	0.10	11/10/19 11:03	
Acrolein	mg/kg	ND	0.10	11/10/19 11:03	
Acrylonitrile	mg/kg	ND	0.10	11/10/19 11:03	
Benzene	mg/kg	ND	0.0050	11/10/19 11:03	
Bromobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
Bromochloromethane	mg/kg	ND	0.0050	11/10/19 11:03	
Bromodichloromethane	mg/kg	ND	0.0050	11/10/19 11:03	
Bromoform	mg/kg	ND	0.0050	11/10/19 11:03	
Bromomethane	mg/kg	ND	0.0050	11/10/19 11:03	
Carbon disulfide	mg/kg	ND	0.010	11/10/19 11:03	
Carbon tetrachloride	mg/kg	ND	0.0050	11/10/19 11:03	
Chlorobenzene	mg/kg	ND	0.0050	11/10/19 11:03	
Chloroethane	mg/kg	ND	0.0050	11/10/19 11:03	
Chloroform	mg/kg	ND	0.0050	11/10/19 11:03	
Chloromethane	mg/kg	ND	0.0050	11/10/19 11:03	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/10/19 11:03	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2456296 Matrix: Solid
Associated Lab Samples: 50240510002, 50240510003, 50240510007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/10/19 11:03	
Dibromochloromethane	mg/kg	ND	0.0050	11/10/19 11:03	
Dibromomethane	mg/kg	ND	0.0050	11/10/19 11:03	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/10/19 11:03	
Ethyl methacrylate	mg/kg	ND	0.10	11/10/19 11:03	
Ethylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/10/19 11:03	
Iodomethane	mg/kg	ND	0.10	11/10/19 11:03	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/10/19 11:03	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/10/19 11:03	
Methylene Chloride	mg/kg	ND	0.020	11/10/19 11:03	
n-Butylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
n-Hexane	mg/kg	ND	0.0050	11/10/19 11:03	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/10/19 11:03	
sec-Butylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
Styrene	mg/kg	ND	0.0050	11/10/19 11:03	
tert-Butylbenzene	mg/kg	ND	0.0050	11/10/19 11:03	
Tetrachloroethene	mg/kg	ND	0.0050	11/10/19 11:03	
Toluene	mg/kg	ND	0.0050	11/10/19 11:03	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/10/19 11:03	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/10/19 11:03	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/10/19 11:03	
Trichloroethene	mg/kg	ND	0.0050	11/10/19 11:03	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/10/19 11:03	
Vinyl acetate	mg/kg	ND	0.10	11/10/19 11:03	
Vinyl chloride	mg/kg	ND	0.0050	11/10/19 11:03	
Xylene (Total)	mg/kg	ND	0.010	11/10/19 11:03	
4-Bromofluorobenzene (S)	%.	92	65-119	11/10/19 11:03	
Dibromofluoromethane (S)	%.	101	77-131	11/10/19 11:03	
Toluene-d8 (S)	%.	104	77-127	11/10/19 11:03	

LABORATORY CONTROL SAMPLE: 2456297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.055	109	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.045	90	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.043	87	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.052	104	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.051	103	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.043	85	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.053	106	77-125	
Benzene	mg/kg	0.05	0.048	96	74-119	
Chlorobenzene	mg/kg	0.05	0.049	98	76-113	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.051	103	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.056	111	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.055	111	75-120	
Ethylbenzene	mg/kg	0.05	0.050	100	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.048	96	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.047	94	74-131	
Tetrachloroethene	mg/kg	0.05	0.037	75	70-116	
Toluene	mg/kg	0.05	0.051	101	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.048	95	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.054	109	67-119	
Trichloroethene	mg/kg	0.05	0.048	96	74-120	
Vinyl chloride	mg/kg	0.05	0.039	78	58-133	
Xylene (Total)	mg/kg	0.15	0.15	103	71-119	
4-Bromofluorobenzene (S)	%.			95	65-119	
Dibromofluoromethane (S)	%.			100	77-131	
Toluene-d8 (S)	%.			99	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532104 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240510001, 50240510004, 50240510005, 50240510006

METHOD BLANK: 2456336 Matrix: Solid
Associated Lab Samples: 50240510001, 50240510004, 50240510005, 50240510006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/10/19 23:25	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/10/19 23:25	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/10/19 23:25	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/10/19 23:25	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/10/19 23:25	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/10/19 23:25	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/10/19 23:25	
2-Butanone (MEK)	mg/kg	ND	0.025	11/10/19 23:25	
2-Chlorotoluene	mg/kg	ND	0.0050	11/10/19 23:25	
2-Hexanone	mg/kg	ND	0.10	11/10/19 23:25	
4-Chlorotoluene	mg/kg	ND	0.0050	11/10/19 23:25	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/10/19 23:25	
Acetone	mg/kg	ND	0.10	11/10/19 23:25	
Acrolein	mg/kg	ND	0.10	11/10/19 23:25	
Acrylonitrile	mg/kg	ND	0.10	11/10/19 23:25	
Benzene	mg/kg	ND	0.0050	11/10/19 23:25	
Bromobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
Bromochloromethane	mg/kg	ND	0.0050	11/10/19 23:25	
Bromodichloromethane	mg/kg	ND	0.0050	11/10/19 23:25	
Bromoform	mg/kg	ND	0.0050	11/10/19 23:25	
Bromomethane	mg/kg	ND	0.0050	11/10/19 23:25	
Carbon disulfide	mg/kg	ND	0.010	11/10/19 23:25	
Carbon tetrachloride	mg/kg	ND	0.0050	11/10/19 23:25	
Chlorobenzene	mg/kg	ND	0.0050	11/10/19 23:25	
Chloroethane	mg/kg	ND	0.0050	11/10/19 23:25	
Chloroform	mg/kg	ND	0.0050	11/10/19 23:25	
Chloromethane	mg/kg	ND	0.0050	11/10/19 23:25	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/10/19 23:25	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2456336 Matrix: Solid
Associated Lab Samples: 50240510001, 50240510004, 50240510005, 50240510006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/10/19 23:25	
Dibromochloromethane	mg/kg	ND	0.0050	11/10/19 23:25	
Dibromomethane	mg/kg	ND	0.0050	11/10/19 23:25	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/10/19 23:25	
Ethyl methacrylate	mg/kg	ND	0.10	11/10/19 23:25	
Ethylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/10/19 23:25	
Iodomethane	mg/kg	ND	0.10	11/10/19 23:25	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/10/19 23:25	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/10/19 23:25	
Methylene Chloride	mg/kg	ND	0.020	11/10/19 23:25	
n-Butylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
n-Hexane	mg/kg	ND	0.0050	11/10/19 23:25	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/10/19 23:25	
sec-Butylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
Styrene	mg/kg	ND	0.0050	11/10/19 23:25	
tert-Butylbenzene	mg/kg	ND	0.0050	11/10/19 23:25	
Tetrachloroethene	mg/kg	ND	0.0050	11/10/19 23:25	
Toluene	mg/kg	ND	0.0050	11/10/19 23:25	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/10/19 23:25	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/10/19 23:25	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/10/19 23:25	
Trichloroethene	mg/kg	ND	0.0050	11/10/19 23:25	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/10/19 23:25	
Vinyl acetate	mg/kg	ND	0.10	11/10/19 23:25	
Vinyl chloride	mg/kg	ND	0.0050	11/10/19 23:25	
Xylene (Total)	mg/kg	ND	0.010	11/10/19 23:25	
4-Bromofluorobenzene (S)	%.	89	65-119	11/10/19 23:25	
Dibromofluoromethane (S)	%.	93	77-131	11/10/19 23:25	
Toluene-d8 (S)	%.	100	77-127	11/10/19 23:25	

LABORATORY CONTROL SAMPLE: 2456337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.051	102	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.050	101	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.062	123	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.059	118	69-117	L1
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.057	114	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.040	79	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.052	103	77-125	
Benzene	mg/kg	0.05	0.051	101	74-119	
Chlorobenzene	mg/kg	0.05	0.053	107	76-113	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.044	89	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.052	105	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.052	103	75-120	
Ethylbenzene	mg/kg	0.05	0.054	109	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.052	103	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.049	99	74-131	
Tetrachloroethene	mg/kg	0.05	0.046	91	70-116	
Toluene	mg/kg	0.05	0.053	106	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.059	119	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.052	104	67-119	
Trichloroethene	mg/kg	0.05	0.052	104	74-120	
Vinyl chloride	mg/kg	0.05	0.043	85	58-133	
Xylene (Total)	mg/kg	0.15	0.17	110	71-119	
4-Bromofluorobenzene (S)	%.			84	65-119	
Dibromofluoromethane (S)	%.			96	77-131	
Toluene-d8 (S)	%.			97	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532304 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240510008, 50240510009

METHOD BLANK: 2456901 Matrix: Solid
Associated Lab Samples: 50240510008, 50240510009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/11/19 11:57	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/11/19 11:57	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/11/19 11:57	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/11/19 11:57	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 11:57	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/11/19 11:57	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 11:57	
2-Butanone (MEK)	mg/kg	ND	0.025	11/11/19 11:57	
2-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 11:57	
2-Hexanone	mg/kg	ND	0.10	11/11/19 11:57	
4-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 11:57	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/11/19 11:57	
Acetone	mg/kg	ND	0.10	11/11/19 11:57	
Acrolein	mg/kg	ND	0.10	11/11/19 11:57	
Acrylonitrile	mg/kg	ND	0.10	11/11/19 11:57	
Benzene	mg/kg	ND	0.0050	11/11/19 11:57	
Bromobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
Bromochloromethane	mg/kg	ND	0.0050	11/11/19 11:57	
Bromodichloromethane	mg/kg	ND	0.0050	11/11/19 11:57	
Bromoform	mg/kg	ND	0.0050	11/11/19 11:57	
Bromomethane	mg/kg	ND	0.0050	11/11/19 11:57	
Carbon disulfide	mg/kg	ND	0.010	11/11/19 11:57	
Carbon tetrachloride	mg/kg	ND	0.0050	11/11/19 11:57	
Chlorobenzene	mg/kg	ND	0.0050	11/11/19 11:57	
Chloroethane	mg/kg	ND	0.0050	11/11/19 11:57	
Chloroform	mg/kg	ND	0.0050	11/11/19 11:57	
Chloromethane	mg/kg	ND	0.0050	11/11/19 11:57	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 11:57	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2456901 Matrix: Solid
Associated Lab Samples: 50240510008, 50240510009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 11:57	
Dibromochloromethane	mg/kg	ND	0.0050	11/11/19 11:57	
Dibromomethane	mg/kg	ND	0.0050	11/11/19 11:57	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/11/19 11:57	
Ethyl methacrylate	mg/kg	ND	0.10	11/11/19 11:57	
Ethylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/11/19 11:57	
Iodomethane	mg/kg	ND	0.10	11/11/19 11:57	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/11/19 11:57	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/11/19 11:57	
Methylene Chloride	mg/kg	ND	0.020	11/11/19 11:57	
n-Butylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
n-Hexane	mg/kg	ND	0.0050	11/11/19 11:57	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/11/19 11:57	
sec-Butylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
Styrene	mg/kg	ND	0.0050	11/11/19 11:57	
tert-Butylbenzene	mg/kg	ND	0.0050	11/11/19 11:57	
Tetrachloroethene	mg/kg	ND	0.0050	11/11/19 11:57	
Toluene	mg/kg	ND	0.0050	11/11/19 11:57	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 11:57	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 11:57	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/11/19 11:57	
Trichloroethene	mg/kg	ND	0.0050	11/11/19 11:57	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/11/19 11:57	
Vinyl acetate	mg/kg	ND	0.10	11/11/19 11:57	
Vinyl chloride	mg/kg	ND	0.0050	11/11/19 11:57	
Xylene (Total)	mg/kg	ND	0.010	11/11/19 11:57	
4-Bromofluorobenzene (S)	%.	93	65-119	11/11/19 11:57	
Dibromofluoromethane (S)	%.	110	77-131	11/11/19 11:57	
Toluene-d8 (S)	%.	94	77-127	11/11/19 11:57	

LABORATORY CONTROL SAMPLE: 2456902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.045	90	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.052	104	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.042	85	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.043	87	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.047	95	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.048	97	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.045	89	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.045	90	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.048	96	71-124	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.046	92	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.044	87	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.047	94	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.046	93	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.046	92	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.043	87	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.045	89	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.050	100	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.046	91	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.048	96	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.049	97	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.24	98	57-145	
2-Chlorotoluene	mg/kg	0.05	0.045	90	71-117	
2-Hexanone	mg/kg	0.25	0.22	86	64-127	
4-Chlorotoluene	mg/kg	0.05	0.045	90	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.21	83	60-123	
Acetone	mg/kg	0.25	0.25	102	33-174	
Acrolein	mg/kg	1	0.84	84	11-200	
Acrylonitrile	mg/kg	0.2	0.17	85	64-123	
Benzene	mg/kg	0.05	0.046	91	74-119	
Bromobenzene	mg/kg	0.05	0.044	87	73-114	
Bromochloromethane	mg/kg	0.05	0.045	91	70-118	
Bromodichloromethane	mg/kg	0.05	0.047	93	73-120	
Bromoform	mg/kg	0.05	0.040	80	65-118	
Bromomethane	mg/kg	0.05	0.046	91	37-160	
Carbon disulfide	mg/kg	0.05	0.046	93	65-123	
Carbon tetrachloride	mg/kg	0.05	0.048	96	71-125	
Chlorobenzene	mg/kg	0.05	0.046	92	76-113	
Chloroethane	mg/kg	0.05	0.039	79	59-148	
Chloroform	mg/kg	0.05	0.048	96	71-117	
Chloromethane	mg/kg	0.05	0.036	72	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.051	101	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.045	90	75-120	
Dibromochloromethane	mg/kg	0.05	0.044	89	78-121	
Dibromomethane	mg/kg	0.05	0.050	99	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.039	78	34-163	
Ethyl methacrylate	mg/kg	0.2	0.18	91	63-132	
Ethylbenzene	mg/kg	0.05	0.045	90	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.045	90	61-121	
Iodomethane	mg/kg	0.1	.097J	97	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.044	89	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.046	93	74-131	
Methylene Chloride	mg/kg	0.05	0.044	87	67-128	
n-Butylbenzene	mg/kg	0.05	0.042	84	61-116	
n-Hexane	mg/kg	0.05	0.042	83	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.044	88	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.044	88	68-117	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.044	89	72-117	
Styrene	mg/kg	0.05	0.042	85	75-120	
tert-Butylbenzene	mg/kg	0.05	0.036	72	55-100	
Tetrachloroethene	mg/kg	0.05	0.045	90	70-116	
Toluene	mg/kg	0.05	0.043	87	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.049	98	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.042	85	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.13	64	57-124	
Trichloroethene	mg/kg	0.05	0.047	95	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.049	99	59-139	
Vinyl acetate	mg/kg	0.2	0.15	73	70-134	
Vinyl chloride	mg/kg	0.05	0.041	81	58-133	
Xylene (Total)	mg/kg	0.15	0.13	89	71-119	
4-Bromofluorobenzene (S)	%.			96	65-119	
Dibromofluoromethane (S)	%.			103	77-131	
Toluene-d8 (S)	%.			96	77-127	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532317 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870011, 50240870012

METHOD BLANK: 2456924 Matrix: Solid
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870011, 50240870012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/11/19 23:47	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/11/19 23:47	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/11/19 23:47	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/11/19 23:47	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 23:47	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/11/19 23:47	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 23:47	
2-Butanone (MEK)	mg/kg	ND	0.025	11/11/19 23:47	
2-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 23:47	
2-Hexanone	mg/kg	ND	0.10	11/11/19 23:47	
4-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 23:47	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/11/19 23:47	
Acetone	mg/kg	ND	0.10	11/11/19 23:47	
Acrolein	mg/kg	ND	0.10	11/11/19 23:47	
Acrylonitrile	mg/kg	ND	0.10	11/11/19 23:47	
Benzene	mg/kg	ND	0.0050	11/11/19 23:47	
Bromobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
Bromochloromethane	mg/kg	ND	0.0050	11/11/19 23:47	
Bromodichloromethane	mg/kg	ND	0.0050	11/11/19 23:47	
Bromoform	mg/kg	ND	0.0050	11/11/19 23:47	
Bromomethane	mg/kg	ND	0.0050	11/11/19 23:47	
Carbon disulfide	mg/kg	ND	0.010	11/11/19 23:47	
Carbon tetrachloride	mg/kg	ND	0.0050	11/11/19 23:47	
Chlorobenzene	mg/kg	ND	0.0050	11/11/19 23:47	
Chloroethane	mg/kg	ND	0.0050	11/11/19 23:47	
Chloroform	mg/kg	ND	0.0050	11/11/19 23:47	
Chloromethane	mg/kg	ND	0.0050	11/11/19 23:47	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2456924 Matrix: Solid

Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007, 50240870008, 50240870009, 50240870011, 50240870012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 23:47	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 23:47	
Dibromochloromethane	mg/kg	ND	0.0050	11/11/19 23:47	
Dibromomethane	mg/kg	ND	0.0050	11/11/19 23:47	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/11/19 23:47	
Ethyl methacrylate	mg/kg	ND	0.10	11/11/19 23:47	
Ethylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/11/19 23:47	
Iodomethane	mg/kg	ND	0.10	11/11/19 23:47	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/11/19 23:47	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/11/19 23:47	
Methylene Chloride	mg/kg	ND	0.020	11/11/19 23:47	
n-Butylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
n-Hexane	mg/kg	ND	0.0050	11/11/19 23:47	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/11/19 23:47	
sec-Butylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
Styrene	mg/kg	ND	0.0050	11/11/19 23:47	
tert-Butylbenzene	mg/kg	ND	0.0050	11/11/19 23:47	
Tetrachloroethene	mg/kg	ND	0.0050	11/11/19 23:47	
Toluene	mg/kg	ND	0.0050	11/11/19 23:47	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 23:47	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 23:47	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/11/19 23:47	
Trichloroethene	mg/kg	ND	0.0050	11/11/19 23:47	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/11/19 23:47	
Vinyl acetate	mg/kg	ND	0.10	11/11/19 23:47	
Vinyl chloride	mg/kg	ND	0.0050	11/11/19 23:47	
Xylene (Total)	mg/kg	ND	0.010	11/11/19 23:47	
4-Bromofluorobenzene (S)	%.	95	65-119	11/11/19 23:47	
Dibromofluoromethane (S)	%.	113	77-131	11/11/19 23:47	
Toluene-d8 (S)	%.	93	77-127	11/11/19 23:47	

LABORATORY CONTROL SAMPLE: 2456925

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.053	105	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.056	112	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.047	94	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.049	99	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.048	97	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.056	112	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.047	94	72-122	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456925

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	0.05	0.047	95	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.054	108	71-124	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.047	94	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.044	87	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.054	109	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.049	98	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.048	97	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.048	95	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.044	88	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.047	95	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.048	96	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.047	94	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.049	99	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.25	99	57-145	
2-Chlorotoluene	mg/kg	0.05	0.043	87	71-117	
2-Hexanone	mg/kg	0.25	0.23	90	64-127	
4-Chlorotoluene	mg/kg	0.05	0.048	97	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.23	91	60-123	
Acetone	mg/kg	0.25	0.21	83	33-174	
Acrolein	mg/kg	1	0.96	96	11-200	
Acrylonitrile	mg/kg	0.2	0.19	96	64-123	
Benzene	mg/kg	0.05	0.051	103	74-119	
Bromobenzene	mg/kg	0.05	0.047	94	73-114	
Bromochloromethane	mg/kg	0.05	0.045	90	70-118	
Bromodichloromethane	mg/kg	0.05	0.052	103	73-120	
Bromoform	mg/kg	0.05	0.046	92	65-118	
Bromomethane	mg/kg	0.05	0.048	97	37-160	
Carbon disulfide	mg/kg	0.05	0.048	95	65-123	
Carbon tetrachloride	mg/kg	0.05	0.055	111	71-125	
Chlorobenzene	mg/kg	0.05	0.052	104	76-113	
Chloroethane	mg/kg	0.05	0.038	76	59-148	
Chloroform	mg/kg	0.05	0.051	103	71-117	
Chloromethane	mg/kg	0.05	0.034	69	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.055	110	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.049	98	75-120	
Dibromochloromethane	mg/kg	0.05	0.052	104	78-121	
Dibromomethane	mg/kg	0.05	0.057	114	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.035	69	34-163	
Ethyl methacrylate	mg/kg	0.2	0.20	100	63-132	
Ethylbenzene	mg/kg	0.05	0.051	103	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.047	94	61-121	
Iodomethane	mg/kg	0.1	0.11	109	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.052	104	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.057	115	74-131	
Methylene Chloride	mg/kg	0.05	0.048	97	67-128	
n-Butylbenzene	mg/kg	0.05	0.040	80	61-116	
n-Hexane	mg/kg	0.05	0.046	93	59-119	N2

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456925

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	0.05	0.042	84	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.046	93	68-117	
sec-Butylbenzene	mg/kg	0.05	0.045	91	72-117	
Styrene	mg/kg	0.05	0.051	101	75-120	
tert-Butylbenzene	mg/kg	0.05	0.039	79	55-100	
Tetrachloroethene	mg/kg	0.05	0.054	108	70-116	
Toluene	mg/kg	0.05	0.048	96	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.055	110	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.044	88	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.14	70	57-124	
Trichloroethene	mg/kg	0.05	0.052	104	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.050	101	59-139	
Vinyl acetate	mg/kg	0.2	0.15	73	70-134	
Vinyl chloride	mg/kg	0.05	0.038	76	58-133	
Xylene (Total)	mg/kg	0.15	0.15	101	71-119	
4-Bromofluorobenzene (S)	%.			98	65-119	
Dibromofluoromethane (S)	%.			103	77-131	
Toluene-d8 (S)	%.			93	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532322
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50240870010

METHOD BLANK: 2456942
Matrix: Solid
Associated Lab Samples: 50240870010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/11/19 21:02	
2-Butanone (MEK)	mg/kg	ND	0.025	11/11/19 21:02	
2-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 21:02	
2-Hexanone	mg/kg	ND	0.10	11/11/19 21:02	
4-Chlorotoluene	mg/kg	ND	0.0050	11/11/19 21:02	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/11/19 21:02	
Acetone	mg/kg	ND	0.10	11/11/19 21:02	
Acrolein	mg/kg	ND	0.10	11/11/19 21:02	
Acrylonitrile	mg/kg	ND	0.10	11/11/19 21:02	
Benzene	mg/kg	ND	0.0050	11/11/19 21:02	
Bromobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Bromochloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Bromodichloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Bromoform	mg/kg	ND	0.0050	11/11/19 21:02	
Bromomethane	mg/kg	ND	0.0050	11/11/19 21:02	
Carbon disulfide	mg/kg	ND	0.010	11/11/19 21:02	
Carbon tetrachloride	mg/kg	ND	0.0050	11/11/19 21:02	
Chlorobenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Chloroethane	mg/kg	ND	0.0050	11/11/19 21:02	
Chloroform	mg/kg	ND	0.0050	11/11/19 21:02	
Chloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2456942 Matrix: Solid
Associated Lab Samples: 50240870010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
Dibromochloromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Dibromomethane	mg/kg	ND	0.0050	11/11/19 21:02	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Ethyl methacrylate	mg/kg	ND	0.10	11/11/19 21:02	
Ethylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/11/19 21:02	
Iodomethane	mg/kg	ND	0.10	11/11/19 21:02	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/11/19 21:02	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/11/19 21:02	
Methylene Chloride	mg/kg	ND	0.020	11/11/19 21:02	
n-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
n-Hexane	mg/kg	ND	0.0050	11/11/19 21:02	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/11/19 21:02	
sec-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Styrene	mg/kg	ND	0.0050	11/11/19 21:02	
tert-Butylbenzene	mg/kg	ND	0.0050	11/11/19 21:02	
Tetrachloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
Toluene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/11/19 21:02	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/11/19 21:02	
Trichloroethene	mg/kg	ND	0.0050	11/11/19 21:02	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/11/19 21:02	
Vinyl acetate	mg/kg	ND	0.10	11/11/19 21:02	
Vinyl chloride	mg/kg	ND	0.0050	11/11/19 21:02	
Xylene (Total)	mg/kg	ND	0.010	11/11/19 21:02	
4-Bromofluorobenzene (S)	%.	99	65-119	11/11/19 21:02	
Dibromofluoromethane (S)	%.	92	77-131	11/11/19 21:02	
Toluene-d8 (S)	%.	99	77-127	11/11/19 21:02	

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.049	97	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.051	102	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.048	97	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.047	95	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.048	95	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.048	96	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.045	90	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.041	82	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.050	100	71-124	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.039	78	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.042	84	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.050	100	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.042	84	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.046	93	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.046	92	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.043	86	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.042	84	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.048	97	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.041	82	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.049	98	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.26	103	57-145	
2-Chlorotoluene	mg/kg	0.05	0.045	90	71-117	
2-Hexanone	mg/kg	0.25	0.27	106	64-127	
4-Chlorotoluene	mg/kg	0.05	0.042	85	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.25	101	60-123	
Acetone	mg/kg	0.25	0.24	95	33-174	
Acrolein	mg/kg	1	1.0	102	11-200	
Acrylonitrile	mg/kg	0.2	0.17	87	64-123	
Benzene	mg/kg	0.05	0.046	92	74-119	
Bromobenzene	mg/kg	0.05	0.051	101	73-114	
Bromochloromethane	mg/kg	0.05	0.047	94	70-118	
Bromodichloromethane	mg/kg	0.05	0.047	95	73-120	
Bromoform	mg/kg	0.05	0.047	94	65-118	
Bromomethane	mg/kg	0.05	0.067	134	37-160	
Carbon disulfide	mg/kg	0.05	0.047	94	65-123	
Carbon tetrachloride	mg/kg	0.05	0.047	94	71-125	
Chlorobenzene	mg/kg	0.05	0.046	92	76-113	
Chloroethane	mg/kg	0.05	0.044	89	59-148	
Chloroform	mg/kg	0.05	0.048	95	71-117	
Chloromethane	mg/kg	0.05	0.044	88	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.048	96	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.049	98	75-120	
Dibromochloromethane	mg/kg	0.05	0.048	96	78-121	
Dibromomethane	mg/kg	0.05	0.048	97	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.052	104	34-163	
Ethyl methacrylate	mg/kg	0.2	0.21	104	63-132	
Ethylbenzene	mg/kg	0.05	0.044	89	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.041	83	61-121	
Iodomethane	mg/kg	0.1	.09J	90	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.046	91	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.048	97	74-131	
Methylene Chloride	mg/kg	0.05	0.046	92	67-128	
n-Butylbenzene	mg/kg	0.05	0.039	78	61-116	
n-Hexane	mg/kg	0.05	0.043	86	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.042	85	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.042	85	68-117	

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7726 Moller Road
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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.044	88	72-117	
Styrene	mg/kg	0.05	0.045	89	75-120	
tert-Butylbenzene	mg/kg	0.05	0.036	71	55-100	
Tetrachloroethene	mg/kg	0.05	0.042	83	70-116	
Toluene	mg/kg	0.05	0.044	87	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.048	95	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.048	95	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.15	77	57-124	
Trichloroethene	mg/kg	0.05	0.045	90	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.049	99	59-139	
Vinyl acetate	mg/kg	0.2	0.16	82	70-134	
Vinyl chloride	mg/kg	0.05	0.046	91	58-133	
Xylene (Total)	mg/kg	0.15	0.13	88	71-119	
4-Bromofluorobenzene (S)	%.			101	65-119	
Dibromofluoromethane (S)	%.			101	77-131	
Toluene-d8 (S)	%.			97	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.046	0.052	0.039	0.048	85	93	32-149	23	20	R1
1,1,1-Trichloroethane	mg/kg	ND	0.046	0.052	0.044	0.056	97	107	48-141	24	20	R1
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.046	0.052	0.035	0.043	77	83	14-173	21	20	R1
1,1,2-Trichloroethane	mg/kg	ND	0.046	0.052	0.037	0.047	83	90	34-157	23	20	R1
1,1-Dichloroethane	mg/kg	ND	0.046	0.052	0.040	0.049	88	94	41-134	20	20	
1,1-Dichloroethene	mg/kg	ND	0.046	0.052	0.044	0.056	97	107	43-151	24	20	R1
1,1-Dichloropropene	mg/kg	ND	0.046	0.052	0.040	0.050	89	96	39-145	22	20	R1
1,2,3-Trichlorobenzene	mg/kg	ND	0.046	0.052	0.026	0.032	57	62	10-121	24	20	R1
1,2,3-Trichloropropane	mg/kg	ND	0.046	0.052	0.034	0.043	75	83	32-167	25	20	R1
1,2,4-Trichlorobenzene	mg/kg	ND	0.046	0.052	0.025	0.030	56	59	10-116	19	20	
1,2,4-Trimethylbenzene	mg/kg	ND	0.046	0.052	0.033	0.042	68	77	10-162	25	20	R1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.046	0.052	0.037	0.047	83	90	39-147	22	20	R1
1,2-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.030	0.038	67	73	10-139	22	20	R1
1,2-Dichloroethane	mg/kg	ND	0.046	0.052	0.036	0.045	81	87	45-135	22	20	R1
1,2-Dichloropropane	mg/kg	ND	0.046	0.052	0.036	0.045	80	87	41-147	23	20	R1
1,3,5-Trimethylbenzene	mg/kg	ND	0.046	0.052	0.034	0.043	74	82	10-171	23	20	R1
1,3-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.030	0.038	66	73	10-143	24	20	R1
1,3-Dichloropropane	mg/kg	ND	0.046	0.052	0.037	0.048	82	92	42-148	25	20	R1
1,4-Dichlorobenzene	mg/kg	ND	0.046	0.052	0.029	0.036	64	70	10-138	23	20	R1
2,2-Dichloropropane	mg/kg	ND	0.046	0.052	0.042	0.050	93	97	37-142	18	20	
2-Butanone (MEK)	mg/kg	ND	0.23	0.25	0.18	0.21	81	82	18-193	15	20	
2-Chlorotoluene	mg/kg	ND	0.046	0.052	0.035	0.044	77	84	10-170	23	20	R1
2-Hexanone	mg/kg	ND	0.23	0.25	0.19	0.24	85	92	29-165	22	20	R1
4-Chlorotoluene	mg/kg	ND	0.046	0.052	0.031	0.039	68	76	10-160	25	20	R1

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.23	0.25	0.19	0.24	84	91	38-147	22	20	R1
Acetone	mg/kg	ND	0.23	0.25	0.18	0.22	78	82	10-200	19	20	
Acrolein	mg/kg	ND	0.9	1	0.71	0.89	79	86	10-200	23	20	R1
Acrylonitrile	mg/kg	ND	0.18	0.2	0.13	0.17	73	83	21-149	26	20	R1
Benzene	mg/kg	ND	0.046	0.052	0.037	0.046	82	88	38-144	22	20	R1
Bromobenzene	mg/kg	ND	0.046	0.052	0.037	0.049	81	94	16-131	28	20	R1
Bromochloromethane	mg/kg	ND	0.046	0.052	0.034	0.042	76	81	46-130	20	20	
Bromodichloromethane	mg/kg	ND	0.046	0.052	0.037	0.046	81	89	23-144	23	20	R1
Bromoform	mg/kg	ND	0.046	0.052	0.034	0.042	75	80	10-160	20	20	
Bromomethane	mg/kg	ND	0.046	0.052	0.056	0.071	124	137	24-158	24	20	R1
Carbon disulfide	mg/kg	ND	0.046	0.052	0.040	0.050	89	95	33-142	21	20	R1
Carbon tetrachloride	mg/kg	ND	0.046	0.052	0.042	0.052	93	101	40-142	22	20	R1
Chlorobenzene	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	30-134	23	20	R1
Chloroethane	mg/kg	ND	0.046	0.052	0.038	0.046	84	88	33-174	19	20	
Chloroform	mg/kg	ND	0.046	0.052	0.039	0.048	86	92	40-139	21	20	R1
Chloromethane	mg/kg	ND	0.046	0.052	0.036	0.044	80	84	27-129	19	20	
cis-1,2-Dichloroethene	mg/kg	ND	0.046	0.052	0.038	0.045	84	87	43-136	17	20	
cis-1,3-Dichloropropene	mg/kg	ND	0.046	0.052	0.037	0.049	83	94	28-145	27	20	R1
Dibromochloromethane	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	27-146	24	20	R1
Dibromomethane	mg/kg	ND	0.046	0.052	0.036	0.045	79	86	46-133	22	20	R1
Dichlorodifluoromethane	mg/kg	ND	0.046	0.052	0.051	0.062	113	119	19-185	19	20	
Ethyl methacrylate	mg/kg	ND	0.18	0.2	0.16	0.20	89	98	10-157	24	20	R1
Ethylbenzene	mg/kg	ND	0.046	0.052	0.037	0.047	82	90	23-146	24	20	R1
Hexachloro-1,3-butadiene	mg/kg	ND	0.046	0.052	0.032	0.039	71	75	10-167	20	20	
Iodomethane	mg/kg	ND	0.09	0.1	.06J	.079J	66	76	20-171		20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.046	0.052	0.038	0.049	85	94	22-147	25	20	R1
Methyl-tert-butyl ether	mg/kg	ND	0.046	0.052	0.041	0.050	91	96	54-151	19	20	
Methylene Chloride	mg/kg	ND	0.046	0.052	0.037	0.045	82	86	35-148	20	20	
n-Butylbenzene	mg/kg	ND	0.046	0.052	0.030	0.037	67	72	10-170	21	20	R1
n-Hexane	mg/kg	ND	0.046	0.052	0.045	0.054	100	103	24-157	17	20	N2
n-Propylbenzene	mg/kg	ND	0.046	0.052	0.034	0.043	75	81	10-173	21	20	R1
p-Isopropyltoluene	mg/kg	ND	0.046	0.052	0.034	0.043	75	82	10-179	24	20	R1
sec-Butylbenzene	mg/kg	ND	0.046	0.052	0.036	0.046	80	88	10-175	23	20	R1
Styrene	mg/kg	ND	0.046	0.052	0.035	0.045	78	87	12-140	24	20	R1
tert-Butylbenzene	mg/kg	ND	0.046	0.052	0.032	0.039	72	74	10-150	17	20	
Tetrachloroethene	mg/kg	ND	0.046	0.052	0.037	0.048	83	92	25-147	25	20	R1
Toluene	mg/kg	ND	0.046	0.052	0.038	0.048	82	90	31-144	23	20	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.046	0.052	0.041	0.050	92	96	41-138	19	20	
trans-1,3-Dichloropropene	mg/kg	ND	0.046	0.052	0.035	0.046	78	88	27-131	25	20	R1
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.18	0.2	0.10	0.13	56	65	10-143	27	20	R1
Trichloroethene	mg/kg	ND	0.046	0.052	0.038	0.048	83	92	22-167	24	20	R1
Trichlorofluoromethane	mg/kg	ND	0.046	0.052	0.045	0.059	100	114	35-165	27	20	R1
Vinyl acetate	mg/kg	ND	0.18	0.2	0.10	0.13	57	61	10-131	21	20	R1
Vinyl chloride	mg/kg	ND	0.046	0.052	0.040	0.050	89	96	40-150	21	20	R1

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456944 2456945

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	mg/kg	ND	0.14	0.15	0.11	0.14	80	89	20-146	25	20	RS
4-Bromofluorobenzene (S)	%.						105	106	65-119			
Dibromofluoromethane (S)	%.						105	98	77-131			
Toluene-d8 (S)	%.						101	101	77-127			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532583 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241137002, 50241137004

METHOD BLANK: 2457907 Matrix: Solid
Associated Lab Samples: 50241137002, 50241137004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/12/19 14:41	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/12/19 14:41	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/12/19 14:41	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/12/19 14:41	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/12/19 14:41	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/12/19 14:41	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/12/19 14:41	
2-Butanone (MEK)	mg/kg	ND	0.025	11/12/19 14:41	
2-Chlorotoluene	mg/kg	ND	0.0050	11/12/19 14:41	
2-Hexanone	mg/kg	ND	0.10	11/12/19 14:41	
4-Chlorotoluene	mg/kg	ND	0.0050	11/12/19 14:41	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/12/19 14:41	
Acetone	mg/kg	ND	0.10	11/12/19 14:41	
Acrolein	mg/kg	ND	0.10	11/12/19 14:41	
Acrylonitrile	mg/kg	ND	0.10	11/12/19 14:41	
Benzene	mg/kg	ND	0.0050	11/12/19 14:41	
Bromobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
Bromochloromethane	mg/kg	ND	0.0050	11/12/19 14:41	
Bromodichloromethane	mg/kg	ND	0.0050	11/12/19 14:41	
Bromoform	mg/kg	ND	0.0050	11/12/19 14:41	
Bromomethane	mg/kg	ND	0.0050	11/12/19 14:41	
Carbon disulfide	mg/kg	ND	0.010	11/12/19 14:41	
Carbon tetrachloride	mg/kg	ND	0.0050	11/12/19 14:41	
Chlorobenzene	mg/kg	ND	0.0050	11/12/19 14:41	
Chloroethane	mg/kg	ND	0.0050	11/12/19 14:41	
Chloroform	mg/kg	ND	0.0050	11/12/19 14:41	
Chloromethane	mg/kg	ND	0.0050	11/12/19 14:41	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/12/19 14:41	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2457907 Matrix: Solid
Associated Lab Samples: 50241137002, 50241137004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/12/19 14:41	
Dibromochloromethane	mg/kg	ND	0.0050	11/12/19 14:41	
Dibromomethane	mg/kg	ND	0.0050	11/12/19 14:41	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/12/19 14:41	
Ethyl methacrylate	mg/kg	ND	0.10	11/12/19 14:41	
Ethylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/12/19 14:41	
Iodomethane	mg/kg	ND	0.10	11/12/19 14:41	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/12/19 14:41	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/12/19 14:41	
Methylene Chloride	mg/kg	ND	0.020	11/12/19 14:41	
n-Butylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
n-Hexane	mg/kg	ND	0.0050	11/12/19 14:41	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/12/19 14:41	
sec-Butylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
Styrene	mg/kg	ND	0.0050	11/12/19 14:41	
tert-Butylbenzene	mg/kg	ND	0.0050	11/12/19 14:41	
Tetrachloroethene	mg/kg	ND	0.0050	11/12/19 14:41	
Toluene	mg/kg	ND	0.0050	11/12/19 14:41	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/12/19 14:41	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/12/19 14:41	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/12/19 14:41	
Trichloroethene	mg/kg	ND	0.0050	11/12/19 14:41	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/12/19 14:41	
Vinyl acetate	mg/kg	ND	0.10	11/12/19 14:41	
Vinyl chloride	mg/kg	ND	0.0050	11/12/19 14:41	
Xylene (Total)	mg/kg	ND	0.010	11/12/19 14:41	
4-Bromofluorobenzene (S)	%.	103	65-119	11/12/19 14:41	
Dibromofluoromethane (S)	%.	100	77-131	11/12/19 14:41	
Toluene-d8 (S)	%.	104	77-127	11/12/19 14:41	

LABORATORY CONTROL SAMPLE: 2457908

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.057	114	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.049	99	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.052	104	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.046	92	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.055	110	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.053	107	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.049	97	77-125	
Benzene	mg/kg	0.05	0.049	99	74-119	
Chlorobenzene	mg/kg	0.05	0.050	100	76-113	

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REPORT OF LABORATORY ANALYSIS

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2457908

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.052	104	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.052	105	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.053	106	75-120	
Ethylbenzene	mg/kg	0.05	0.049	98	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.051	102	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.057	113	74-131	
Tetrachloroethene	mg/kg	0.05	0.047	95	70-116	
Toluene	mg/kg	0.05	0.049	97	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.054	108	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.052	104	67-119	
Trichloroethene	mg/kg	0.05	0.049	98	74-120	
Vinyl chloride	mg/kg	0.05	0.048	95	58-133	
Xylene (Total)	mg/kg	0.15	0.15	98	71-119	
4-Bromofluorobenzene (S)	%.			107	65-119	
Dibromofluoromethane (S)	%.			102	77-131	
Toluene-d8 (S)	%.			99	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457909 2457910

Parameter	Units	50240377004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	ND	3	3	3.4	3.5	115	117	48-141	2	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	3	3	2.5	3.0	84	99	14-173	17	20	
1,1-Dichloroethene	mg/kg	ND	3	3	3.1	3.0	105	102	43-151	3	20	
1,2,4-Trimethylbenzene	mg/kg	6.7	3	3	11.1	11.7	150	167	10-162	5	20	M1
1,2-Dibromoethane (EDB)	mg/kg	ND	3	3	3.1	3.1	104	105	39-147	1	20	
1,2-Dichloroethane	mg/kg	ND	3	3	3.2	3.2	108	108	45-135	1	20	
1,2-Dichloropropane	mg/kg	ND	3	3	3.0	3.1	101	104	41-147	2	20	
Benzene	mg/kg	3.5	3	3	7.5	7.3	134	127	38-144	3	20	
Chlorobenzene	mg/kg	ND	3	3	2.9	3.0	99	100	30-134	0	20	
Chloroform	mg/kg	ND	3	3	3.3	3.2	111	108	40-139	3	20	
cis-1,2-Dichloroethene	mg/kg	ND	3	3	3.1	3.0	104	101	43-136	3	20	
cis-1,3-Dichloropropene	mg/kg	ND	3	3	2.9	3.1	98	105	28-145	8	20	
Ethylbenzene	mg/kg	34.0	3	3	36.3	35.7	77	55	23-146	2	20	
Isopropylbenzene (Cumene)	mg/kg	4.6	3	3	9.4	9.3	158	158	22-147	0	20	M1
Methyl-tert-butyl ether	mg/kg	ND	3	3	3.2	3.4	109	113	54-151	4	20	
Tetrachloroethene	mg/kg	ND	3	3	2.8	2.9	96	96	25-147	1	20	
Toluene	mg/kg	3.0	3	3	6.8	6.9	127	131	31-144	2	20	
trans-1,2-Dichloroethene	mg/kg	ND	3	3	3.2	3.2	108	108	41-138	0	20	
trans-1,3-Dichloropropene	mg/kg	ND	3	3	2.9	2.9	96	99	27-131	2	20	
Trichloroethene	mg/kg	ND	3	3	3.1	3.0	105	101	22-167	4	20	
Vinyl chloride	mg/kg	ND	3	3	3.0	2.8	100	96	40-150	4	20	
Xylene (Total)	mg/kg	12.1	8.9	8.9	24.9	24.7	144	142	20-146	1	20	MS
4-Bromofluorobenzene (S)	%.						168	160	65-119			S5

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457909 2457910

Parameter	Units	50240377004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromofluoromethane (S)	%.						109	109	77-131			
Toluene-d8 (S)	%.						174	173	77-127			S5

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457911 2457912

Parameter	Units	50240620004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	ND	0.057	57.5	0.066	0.063	114	0	48-141	3	20	M1
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.057	57.5	0.054	0.054	94	0	14-173	0	20	M1
1,1-Dichloroethene	mg/kg	ND	0.057	57.5	0.059	0.055	103	0	43-151	7	20	M1
1,2,4-Trimethylbenzene	mg/kg	ND	0.057	57.5	0.050	0.051	86	0	10-162	3	20	M1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.057	57.5	0.057	0.060	100	0	39-147	3	20	M1
1,2-Dichloroethane	mg/kg	ND	0.057	57.5	0.056	0.056	98	0	45-135	0	20	M1
1,2-Dichloropropane	mg/kg	ND	0.057	57.5	0.051	0.051	89	0	41-147	0	20	M1
Benzene	mg/kg	ND	0.057	57.5	0.054	0.053	93	0	38-144	1	20	M1
Chlorobenzene	mg/kg	ND	0.057	57.5	0.053	0.054	93	0	30-134	1	20	M1
Chloroform	mg/kg	ND	0.057	57.5	0.059	0.057	102	0	40-139	4	20	M1
cis-1,2-Dichloroethene	mg/kg	ND	0.057	57.5	0.057	0.056	99	0	43-136	2	20	M1
cis-1,3-Dichloropropene	mg/kg	ND	0.057	57.5	0.055	0.056	96	0	28-145	1	20	M1
Ethylbenzene	mg/kg	ND	0.057	57.5	0.054	0.054	94	0	23-146	1	20	M1
Isopropylbenzene (Cumene)	mg/kg	ND	0.057	57.5	0.055	0.056	95	0	22-147	3	20	M1
Methyl-tert-butyl ether	mg/kg	ND	0.057	57.5	0.062	0.059	108	0	54-151	5	20	M1
Tetrachloroethene	mg/kg	ND	0.057	57.5	0.053	0.055	93	0	25-147	4	20	M1
Toluene	mg/kg	ND	0.057	57.5	0.054	0.054	94	0	31-144	0	20	M1
trans-1,2-Dichloroethene	mg/kg	ND	0.057	57.5	0.061	0.057	107	0	41-138	8	20	M1
trans-1,3-Dichloropropene	mg/kg	ND	0.057	57.5	0.054	0.054	94	0	27-131	0	20	M1
Trichloroethene	mg/kg	ND	0.057	57.5	0.054	0.054	95	0	22-167	2	20	M1
Vinyl chloride	mg/kg	ND	0.057	0.057	0.054	0.052	95	91	40-150	4	20	
Xylene (Total)	mg/kg	ND	0.17	172	0.16	0.16	91	0	20-146	3	20	MS
4-Bromofluorobenzene (S)	%.						101	101	65-119			
Dibromofluoromethane (S)	%.						101	101	77-131			
Toluene-d8 (S)	%.						99	98	77-127			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532622 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241137001, 50241137003, 50241137005

METHOD BLANK: 2458015 Matrix: Solid
Associated Lab Samples: 50241137001, 50241137003, 50241137005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/13/19 03:08	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/13/19 03:08	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/13/19 03:08	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/13/19 03:08	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 03:08	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/13/19 03:08	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/13/19 03:08	
2-Butanone (MEK)	mg/kg	ND	0.025	11/13/19 03:08	
2-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 03:08	
2-Hexanone	mg/kg	ND	0.10	11/13/19 03:08	
4-Chlorotoluene	mg/kg	ND	0.0050	11/13/19 03:08	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/13/19 03:08	
Acetone	mg/kg	ND	0.10	11/13/19 03:08	
Acrolein	mg/kg	ND	0.10	11/13/19 03:08	
Acrylonitrile	mg/kg	ND	0.10	11/13/19 03:08	
Benzene	mg/kg	ND	0.0050	11/13/19 03:08	
Bromobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
Bromochloromethane	mg/kg	ND	0.0050	11/13/19 03:08	
Bromodichloromethane	mg/kg	ND	0.0050	11/13/19 03:08	
Bromoform	mg/kg	ND	0.0050	11/13/19 03:08	
Bromomethane	mg/kg	ND	0.0050	11/13/19 03:08	
Carbon disulfide	mg/kg	ND	0.010	11/13/19 03:08	
Carbon tetrachloride	mg/kg	ND	0.0050	11/13/19 03:08	
Chlorobenzene	mg/kg	ND	0.0050	11/13/19 03:08	
Chloroethane	mg/kg	ND	0.0050	11/13/19 03:08	
Chloroform	mg/kg	ND	0.0050	11/13/19 03:08	
Chloromethane	mg/kg	ND	0.0050	11/13/19 03:08	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 03:08	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2458015 Matrix: Solid
Associated Lab Samples: 50241137001, 50241137003, 50241137005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 03:08	
Dibromochloromethane	mg/kg	ND	0.0050	11/13/19 03:08	
Dibromomethane	mg/kg	ND	0.0050	11/13/19 03:08	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/13/19 03:08	
Ethyl methacrylate	mg/kg	ND	0.10	11/13/19 03:08	
Ethylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/13/19 03:08	
Iodomethane	mg/kg	ND	0.10	11/13/19 03:08	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/13/19 03:08	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/13/19 03:08	
Methylene Chloride	mg/kg	ND	0.020	11/13/19 03:08	
n-Butylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
n-Hexane	mg/kg	ND	0.0050	11/13/19 03:08	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/13/19 03:08	
sec-Butylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
Styrene	mg/kg	ND	0.0050	11/13/19 03:08	
tert-Butylbenzene	mg/kg	ND	0.0050	11/13/19 03:08	
Tetrachloroethene	mg/kg	ND	0.0050	11/13/19 03:08	
Toluene	mg/kg	ND	0.0050	11/13/19 03:08	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/13/19 03:08	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/13/19 03:08	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/13/19 03:08	
Trichloroethene	mg/kg	ND	0.0050	11/13/19 03:08	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/13/19 03:08	
Vinyl acetate	mg/kg	ND	0.10	11/13/19 03:08	
Vinyl chloride	mg/kg	ND	0.0050	11/13/19 03:08	
Xylene (Total)	mg/kg	ND	0.010	11/13/19 03:08	
4-Bromofluorobenzene (S)	%.	105	65-119	11/13/19 03:08	
Dibromofluoromethane (S)	%.	108	77-131	11/13/19 03:08	
Toluene-d8 (S)	%.	100	77-127	11/13/19 03:08	

LABORATORY CONTROL SAMPLE: 2458016

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.061	123	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.050	99	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.053	105	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.044	88	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.057	114	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.055	109	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.051	102	77-125	
Benzene	mg/kg	0.05	0.052	104	74-119	
Chlorobenzene	mg/kg	0.05	0.050	100	76-113	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2458016

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.05	0.055	110	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.054	107	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.054	107	75-120	
Ethylbenzene	mg/kg	0.05	0.049	97	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.051	101	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.058	116	74-131	
Tetrachloroethene	mg/kg	0.05	0.046	93	70-116	
Toluene	mg/kg	0.05	0.050	99	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.055	110	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.052	104	67-119	
Trichloroethene	mg/kg	0.05	0.050	100	74-120	
Vinyl chloride	mg/kg	0.05	0.048	96	58-133	
Xylene (Total)	mg/kg	0.15	0.14	96	71-119	
4-Bromofluorobenzene (S)	%.			106	65-119	
Dibromofluoromethane (S)	%.			106	77-131	
Toluene-d8 (S)	%.			100	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458017 2458018

Parameter	Units	50240892012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	<0.00024	0.055	0.055	0.044	0.017	81	31	48-141	88	20	M1,R1
1,1,2,2-Tetrachloroethane	mg/kg	<0.00052	0.055	0.055	0.027	0.0095	49	17	14-173	95	20	R1
1,1-Dichloroethene	mg/kg	<0.00026	0.055	0.055	0.042	0.017	78	31	43-151	85	20	M1,R1
1,2,4-Trimethylbenzene	mg/kg	<0.00023	0.055	0.055	0.021	.0031J	38	6	10-162		20	M1
1,2-Dibromoethane (EDB)	mg/kg	<0.00024	0.055	0.055	0.024	0.010	44	18	39-147	82	20	M1,R1
1,2-Dichloroethane	mg/kg	<0.00043	0.055	0.055	0.034	0.019	62	35	45-135	55	20	M1,R1
1,2-Dichloropropane	mg/kg	<0.00033	0.055	0.055	0.029	0.014	54	26	41-147	68	20	M1,R1
Benzene	mg/kg	<0.00029	0.055	0.055	0.032	0.014	59	25	38-144	81	20	M1,R1
Chlorobenzene	mg/kg	<0.00033	0.055	0.055	0.021	.0045J	39	8	30-134		20	M1
Chloroform	mg/kg	<0.00019	0.055	0.055	0.039	0.020	72	37	40-139	64	20	M1,R1
cis-1,2-Dichloroethene	mg/kg	<0.00033	0.055	0.055	0.037	0.018	67	32	43-136	69	20	M1,R1
cis-1,3-Dichloropropene	mg/kg	<0.00033	0.055	0.055	0.024	0.0093	43	17	28-145	87	20	M1,R1
Ethylbenzene	mg/kg	<0.00039	0.055	0.055	0.024	.0039J	44	7	23-146		20	M1
Isopropylbenzene (Cumene)	mg/kg	<0.00033	0.055	0.055	0.025	.0039J	46	7	22-147		20	M1
Methyl-tert-butyl ether	mg/kg	<0.00031	0.055	0.055	0.052	0.038	95	70	54-151	31	20	R1
Tetrachloroethene	mg/kg	<0.00032	0.055	0.055	0.025	.0037J	46	7	25-147		20	M1
Toluene	mg/kg	<0.00034	0.055	0.055	0.028	0.0070	51	13	31-144	120	20	M1,R1
trans-1,2-Dichloroethene	mg/kg	<0.00025	0.055	0.055	0.039	0.017	72	30	41-138	81	20	M1,R1
trans-1,3-Dichloropropene	mg/kg	<0.00037	0.055	0.055	0.020	0.0072	36	13	27-131	93	20	M1,R1
Trichloroethene	mg/kg	<0.00021	0.055	0.055	0.028	0.0076	52	14	22-167	116	20	M1,R1
Vinyl chloride	mg/kg	<0.00019	0.055	0.055	0.043	0.025	79	46	40-150	52	20	R1
Xylene (Total)	mg/kg	<0.00060	0.16	0.16	0.069	0.012	42	7	20-146	140	20	MS,RS
4-Bromofluorobenzene (S)	%.						94	97	65-119			

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458017 2458018

Parameter	Units	50240892012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromofluoromethane (S)	%.						99	103	77-131			
Toluene-d8 (S)	%.						108	99	77-127			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533568 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255007, 50241255008, 50241255009, 50241255010, 50241255013, 50241255015, 50241346001, 50241346003, 50241346008, 50241346009, 50241346010

METHOD BLANK: 2462849 Matrix: Solid
Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255007, 50241255008, 50241255009, 50241255010, 50241255013, 50241255015, 50241346001, 50241346003, 50241346008, 50241346009, 50241346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/18/19 01:34	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/18/19 01:34	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/18/19 01:34	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/18/19 01:34	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/18/19 01:34	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 01:34	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/18/19 01:34	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 01:34	
2-Butanone (MEK)	mg/kg	ND	0.025	11/18/19 01:34	
2-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 01:34	
2-Hexanone	mg/kg	ND	0.10	11/18/19 01:34	
4-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 01:34	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/18/19 01:34	
Acetone	mg/kg	ND	0.10	11/18/19 01:34	
Acrolein	mg/kg	ND	0.10	11/18/19 01:34	
Acrylonitrile	mg/kg	ND	0.10	11/18/19 01:34	
Benzene	mg/kg	ND	0.0050	11/18/19 01:34	
Bromobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
Bromochloromethane	mg/kg	ND	0.0050	11/18/19 01:34	
Bromodichloromethane	mg/kg	ND	0.0050	11/18/19 01:34	
Bromoform	mg/kg	ND	0.0050	11/18/19 01:34	
Bromomethane	mg/kg	ND	0.0050	11/18/19 01:34	
Carbon disulfide	mg/kg	ND	0.010	11/18/19 01:34	
Carbon tetrachloride	mg/kg	ND	0.0050	11/18/19 01:34	
Chlorobenzene	mg/kg	ND	0.0050	11/18/19 01:34	
Chloroethane	mg/kg	ND	0.0050	11/18/19 01:34	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2462849 Matrix: Solid

Associated Lab Samples: 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255007, 50241255008, 50241255009, 50241255010, 50241255013, 50241255015, 50241346001, 50241346003, 50241346008, 50241346009, 50241346010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	mg/kg	ND	0.0050	11/18/19 01:34	
Chloromethane	mg/kg	ND	0.0050	11/18/19 01:34	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 01:34	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 01:34	
Dibromochloromethane	mg/kg	ND	0.0050	11/18/19 01:34	
Dibromomethane	mg/kg	ND	0.0050	11/18/19 01:34	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/18/19 01:34	
Ethyl methacrylate	mg/kg	ND	0.10	11/18/19 01:34	
Ethylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/18/19 01:34	
Iodomethane	mg/kg	ND	0.10	11/18/19 01:34	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/18/19 01:34	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/18/19 01:34	
Methylene Chloride	mg/kg	ND	0.020	11/18/19 01:34	
n-Butylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
n-Hexane	mg/kg	ND	0.0050	11/18/19 01:34	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/18/19 01:34	
sec-Butylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
Styrene	mg/kg	ND	0.0050	11/18/19 01:34	
tert-Butylbenzene	mg/kg	ND	0.0050	11/18/19 01:34	
Tetrachloroethene	mg/kg	ND	0.0050	11/18/19 01:34	
Toluene	mg/kg	ND	0.0050	11/18/19 01:34	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 01:34	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 01:34	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/18/19 01:34	
Trichloroethene	mg/kg	ND	0.0050	11/18/19 01:34	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/18/19 01:34	
Vinyl acetate	mg/kg	ND	0.10	11/18/19 01:34	
Vinyl chloride	mg/kg	ND	0.0050	11/18/19 01:34	
Xylene (Total)	mg/kg	ND	0.010	11/18/19 01:34	
4-Bromofluorobenzene (S)	%.	101	65-119	11/18/19 01:34	
Dibromofluoromethane (S)	%.	101	77-131	11/18/19 01:34	
Toluene-d8 (S)	%.	99	77-127	11/18/19 01:34	

LABORATORY CONTROL SAMPLE: 2462850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.054	107	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.048	95	70-124	
1,1-Dichloroethene	mg/kg	0.05	0.052	103	70-127	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.041	81	69-117	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2462850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.051	102	77-126	
1,2-Dichloroethane	mg/kg	0.05	0.049	98	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.049	97	77-125	
Benzene	mg/kg	0.05	0.049	97	74-119	
Chlorobenzene	mg/kg	0.05	0.045	90	76-113	
Chloroform	mg/kg	0.05	0.049	99	71-117	
cis-1,2-Dichloroethene	mg/kg	0.05	0.050	101	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.050	100	75-120	
Ethylbenzene	mg/kg	0.05	0.045	90	73-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.046	92	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.052	104	74-131	
Tetrachloroethene	mg/kg	0.05	0.043	86	70-116	
Toluene	mg/kg	0.05	0.046	91	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.052	104	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.048	95	67-119	
Trichloroethene	mg/kg	0.05	0.046	93	74-120	
Vinyl chloride	mg/kg	0.05	0.054	108	58-133	
Xylene (Total)	mg/kg	0.15	0.13	89	71-119	
4-Bromofluorobenzene (S)	%.			100	65-119	
Dibromofluoromethane (S)	%.			102	77-131	
Toluene-d8 (S)	%.			101	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462851 2462852

Parameter	Units	50241255004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	ND	0.053	0.05	0.048	0.031	90	62	48-141	44	20	R1
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.053	0.05	0.041	0.025	77	50	14-173	50	20	R1
1,1-Dichloroethene	mg/kg	ND	0.053	0.05	0.047	0.032	88	65	43-151	38	20	R1
1,2,4-Trimethylbenzene	mg/kg	ND	0.053	0.05	0.038	0.019	71	39	10-162	65	20	R1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.053	0.05	0.042	0.027	79	54	39-147	44	20	R1
1,2-Dichloroethane	mg/kg	ND	0.053	0.05	0.042	0.028	79	57	45-135	39	20	R1
1,2-Dichloropropane	mg/kg	ND	0.053	0.05	0.043	0.028	79	56	41-147	42	20	R1
Benzene	mg/kg	ND	0.053	0.05	0.043	0.027	80	55	38-144	44	20	R1
Chlorobenzene	mg/kg	ND	0.053	0.05	0.041	0.024	77	49	30-134	52	20	R1
Chloroform	mg/kg	ND	0.053	0.05	0.044	0.029	82	59	40-139	39	20	R1
cis-1,2-Dichloroethene	mg/kg	ND	0.053	0.05	0.044	0.030	82	61	43-136	36	20	R1
cis-1,3-Dichloropropene	mg/kg	ND	0.053	0.05	0.044	0.027	82	55	28-145	46	20	R1
Ethylbenzene	mg/kg	ND	0.053	0.05	0.042	0.024	78	48	23-146	53	20	R1
Isopropylbenzene (Cumene)	mg/kg	ND	0.053	0.05	0.042	0.022	78	45	22-147	62	20	R1
Methyl-tert-butyl ether	mg/kg	ND	0.053	0.05	0.042	0.027	79	54	54-151	45	20	R1
Tetrachloroethene	mg/kg	ND	0.053	0.05	0.041	0.024	76	48	25-147	53	20	R1
Toluene	mg/kg	ND	0.053	0.05	0.042	0.026	79	52	31-144	49	20	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.053	0.05	0.047	0.032	89	64	41-138	39	20	R1

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462851 2462852

Parameter	Units	50241255004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,3-Dichloropropene	mg/kg	ND	0.053	0.05	0.040	0.025	74	51	27-131	44	20	R1
Trichloroethene	mg/kg	ND	0.053	0.05	0.042	0.027	79	54	22-167	44	20	R1
Vinyl chloride	mg/kg	ND	0.053	0.05	0.049	0.036	92	72	40-150	32	20	R1
Xylene (Total)	mg/kg	ND	0.16	0.15	0.12	0.070	78	47	20-146	56	20	RS
4-Bromofluorobenzene (S)	%.						104	99	65-119			
Dibromofluoromethane (S)	%.						97	101	77-131			
Toluene-d8 (S)	%.						101	96	77-127			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533735 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241255011, 50241346002, 50241346004, 50241346005, 50241346006

METHOD BLANK: 2463355 Matrix: Solid
Associated Lab Samples: 50241255011, 50241346002, 50241346004, 50241346005, 50241346006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/18/19 17:05	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/18/19 17:05	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/18/19 17:05	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/18/19 17:05	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 17:05	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/18/19 17:05	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 17:05	
2-Butanone (MEK)	mg/kg	ND	0.025	11/18/19 17:05	
2-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 17:05	
2-Hexanone	mg/kg	ND	0.10	11/18/19 17:05	
4-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 17:05	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/18/19 17:05	
Acetone	mg/kg	ND	0.10	11/18/19 17:05	
Acrolein	mg/kg	ND	0.10	11/18/19 17:05	
Acrylonitrile	mg/kg	ND	0.10	11/18/19 17:05	
Benzene	mg/kg	ND	0.0050	11/18/19 17:05	
Bromobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
Bromochloromethane	mg/kg	ND	0.0050	11/18/19 17:05	
Bromodichloromethane	mg/kg	ND	0.0050	11/18/19 17:05	
Bromoform	mg/kg	ND	0.0050	11/18/19 17:05	
Bromomethane	mg/kg	ND	0.0050	11/18/19 17:05	
Carbon disulfide	mg/kg	ND	0.010	11/18/19 17:05	
Carbon tetrachloride	mg/kg	ND	0.0050	11/18/19 17:05	
Chlorobenzene	mg/kg	ND	0.0050	11/18/19 17:05	
Chloroethane	mg/kg	ND	0.0050	11/18/19 17:05	
Chloroform	mg/kg	ND	0.0050	11/18/19 17:05	
Chloromethane	mg/kg	ND	0.0050	11/18/19 17:05	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 17:05	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2463355 Matrix: Solid
Associated Lab Samples: 50241255011, 50241346002, 50241346004, 50241346005, 50241346006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 17:05	
Dibromochloromethane	mg/kg	ND	0.0050	11/18/19 17:05	
Dibromomethane	mg/kg	ND	0.0050	11/18/19 17:05	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/18/19 17:05	
Ethyl methacrylate	mg/kg	ND	0.10	11/18/19 17:05	
Ethylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/18/19 17:05	
Iodomethane	mg/kg	ND	0.10	11/18/19 17:05	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/18/19 17:05	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/18/19 17:05	
Methylene Chloride	mg/kg	ND	0.020	11/18/19 17:05	
n-Butylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
n-Hexane	mg/kg	ND	0.0050	11/18/19 17:05	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/18/19 17:05	
sec-Butylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
Styrene	mg/kg	ND	0.0050	11/18/19 17:05	
tert-Butylbenzene	mg/kg	ND	0.0050	11/18/19 17:05	
Tetrachloroethene	mg/kg	ND	0.0050	11/18/19 17:05	
Toluene	mg/kg	ND	0.0050	11/18/19 17:05	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 17:05	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 17:05	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/18/19 17:05	
Trichloroethene	mg/kg	ND	0.0050	11/18/19 17:05	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/18/19 17:05	
Vinyl acetate	mg/kg	ND	0.10	11/18/19 17:05	
Vinyl chloride	mg/kg	ND	0.0050	11/18/19 17:05	
Xylene (Total)	mg/kg	ND	0.010	11/18/19 17:05	
4-Bromofluorobenzene (S)	%.	104	65-119	11/18/19 17:05	
Dibromofluoromethane (S)	%.	97	77-131	11/18/19 17:05	
Toluene-d8 (S)	%.	100	77-127	11/18/19 17:05	

LABORATORY CONTROL SAMPLE: 2463356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.051	101	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.055	109	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.048	96	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.053	106	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.053	106	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.053	106	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.050	100	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.042	83	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.050	100	71-124	

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REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.039	77	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.045	90	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.052	103	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.045	90	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.051	101	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.049	97	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.045	91	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.042	84	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.052	104	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.042	84	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.053	106	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.25	100	57-145	
2-Chlorotoluene	mg/kg	0.05	0.046	92	71-117	
2-Hexanone	mg/kg	0.25	0.26	102	64-127	
4-Chlorotoluene	mg/kg	0.05	0.043	86	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.27	106	60-123	
Acetone	mg/kg	0.25	0.22	87	33-174	
Acrolein	mg/kg	1	0.90	90	11-200	
Acrylonitrile	mg/kg	0.2	0.19	94	64-123	
Benzene	mg/kg	0.05	0.049	98	74-119	
Bromobenzene	mg/kg	0.05	0.055	109	73-114	
Bromochloromethane	mg/kg	0.05	0.051	102	70-118	
Bromodichloromethane	mg/kg	0.05	0.048	97	73-120	
Bromoform	mg/kg	0.05	0.045	90	65-118	
Bromomethane	mg/kg	0.05	0.056	113	37-160	
Carbon disulfide	mg/kg	0.05	0.051	103	65-123	
Carbon tetrachloride	mg/kg	0.05	0.051	101	71-125	
Chlorobenzene	mg/kg	0.05	0.048	95	76-113	
Chloroethane	mg/kg	0.05	0.057	114	59-148	
Chloroform	mg/kg	0.05	0.051	102	71-117	
Chloromethane	mg/kg	0.05	0.048	95	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.051	103	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.053	106	75-120	
Dibromochloromethane	mg/kg	0.05	0.050	100	78-121	
Dibromomethane	mg/kg	0.05	0.050	100	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.064	129	34-163	
Ethyl methacrylate	mg/kg	0.2	0.22	108	63-132	
Ethylbenzene	mg/kg	0.05	0.047	95	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.045	89	61-121	
Iodomethane	mg/kg	0.1	.091J	91	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.049	98	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.053	105	74-131	
Methylene Chloride	mg/kg	0.05	0.045	90	67-128	
n-Butylbenzene	mg/kg	0.05	0.040	81	61-116	
n-Hexane	mg/kg	0.05	0.050	100	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.044	88	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.044	88	68-117	

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.046	93	72-117	
Styrene	mg/kg	0.05	0.047	94	75-120	
tert-Butylbenzene	mg/kg	0.05	0.043	85	55-100	
Tetrachloroethene	mg/kg	0.05	0.046	92	70-116	
Toluene	mg/kg	0.05	0.048	96	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.052	105	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.050	99	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.16	81	57-124	
Trichloroethene	mg/kg	0.05	0.047	94	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.063	126	59-139	
Vinyl acetate	mg/kg	0.2	0.17	87	70-134	
Vinyl chloride	mg/kg	0.05	0.054	109	58-133	
Xylene (Total)	mg/kg	0.15	0.14	94	71-119	
4-Bromofluorobenzene (S)	%.			104	65-119	
Dibromofluoromethane (S)	%.			101	77-131	
Toluene-d8 (S)	%.			101	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533761 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241255012, 50241346007, 50241346011, 50241346012

METHOD BLANK: 2463482 Matrix: Solid
Associated Lab Samples: 50241255012, 50241346007, 50241346011, 50241346012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:49	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:49	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/18/19 23:49	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/18/19 23:49	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:49	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:49	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:49	
2-Butanone (MEK)	mg/kg	ND	0.025	11/18/19 23:49	
2-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 23:49	
2-Hexanone	mg/kg	ND	0.10	11/18/19 23:49	
4-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 23:49	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/18/19 23:49	
Acetone	mg/kg	ND	0.10	11/18/19 23:49	
Acrolein	mg/kg	ND	0.10	11/18/19 23:49	
Acrylonitrile	mg/kg	ND	0.10	11/18/19 23:49	
Benzene	mg/kg	ND	0.0050	11/18/19 23:49	
Bromobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
Bromochloromethane	mg/kg	ND	0.0050	11/18/19 23:49	
Bromodichloromethane	mg/kg	ND	0.0050	11/18/19 23:49	
Bromoform	mg/kg	ND	0.0050	11/18/19 23:49	
Bromomethane	mg/kg	ND	0.0050	11/18/19 23:49	
Carbon disulfide	mg/kg	ND	0.010	11/18/19 23:49	
Carbon tetrachloride	mg/kg	ND	0.0050	11/18/19 23:49	
Chlorobenzene	mg/kg	ND	0.0050	11/18/19 23:49	
Chloroethane	mg/kg	ND	0.0050	11/18/19 23:49	
Chloroform	mg/kg	ND	0.0050	11/18/19 23:49	
Chloromethane	mg/kg	ND	0.0050	11/18/19 23:49	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:49	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2463482 Matrix: Solid
Associated Lab Samples: 50241255012, 50241346007, 50241346011, 50241346012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:49	
Dibromochloromethane	mg/kg	ND	0.0050	11/18/19 23:49	
Dibromomethane	mg/kg	ND	0.0050	11/18/19 23:49	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/18/19 23:49	
Ethyl methacrylate	mg/kg	ND	0.10	11/18/19 23:49	
Ethylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/18/19 23:49	
Iodomethane	mg/kg	ND	0.10	11/18/19 23:49	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/18/19 23:49	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/18/19 23:49	
Methylene Chloride	mg/kg	ND	0.020	11/18/19 23:49	
n-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
n-Hexane	mg/kg	ND	0.0050	11/18/19 23:49	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/18/19 23:49	
sec-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
Styrene	mg/kg	ND	0.0050	11/18/19 23:49	
tert-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:49	
Tetrachloroethene	mg/kg	ND	0.0050	11/18/19 23:49	
Toluene	mg/kg	ND	0.0050	11/18/19 23:49	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:49	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:49	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/18/19 23:49	
Trichloroethene	mg/kg	ND	0.0050	11/18/19 23:49	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/18/19 23:49	
Vinyl acetate	mg/kg	ND	0.10	11/18/19 23:49	
Vinyl chloride	mg/kg	ND	0.0050	11/18/19 23:49	
Xylene (Total)	mg/kg	ND	0.010	11/18/19 23:49	
4-Bromofluorobenzene (S)	%.	103	65-119	11/18/19 23:49	
Dibromofluoromethane (S)	%.	105	77-131	11/18/19 23:49	
Toluene-d8 (S)	%.	97	77-127	11/18/19 23:49	

LABORATORY CONTROL SAMPLE: 2463483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.047	94	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.048	96	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.047	94	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.048	96	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.048	97	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.047	94	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.044	88	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.040	79	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.051	102	71-124	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.037	74	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.042	83	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.049	98	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.042	84	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.050	100	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.048	96	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.043	85	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.039	79	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.051	103	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.040	80	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.044	88	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.22	89	57-145	
2-Chlorotoluene	mg/kg	0.05	0.043	87	71-117	
2-Hexanone	mg/kg	0.25	0.24	96	64-127	
4-Chlorotoluene	mg/kg	0.05	0.042	84	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.24	98	60-123	
Acetone	mg/kg	0.25	0.21	82	33-174	
Acrolein	mg/kg	1	0.80	80	11-200	
Acrylonitrile	mg/kg	0.2	0.19	96	64-123	
Benzene	mg/kg	0.05	0.047	94	74-119	
Bromobenzene	mg/kg	0.05	0.043	87	73-114	
Bromochloromethane	mg/kg	0.05	0.048	97	70-118	
Bromodichloromethane	mg/kg	0.05	0.046	92	73-120	
Bromoform	mg/kg	0.05	0.047	94	65-118	
Bromomethane	mg/kg	0.05	0.047	94	37-160	
Carbon disulfide	mg/kg	0.05	0.045	90	65-123	
Carbon tetrachloride	mg/kg	0.05	0.044	88	71-125	
Chlorobenzene	mg/kg	0.05	0.043	86	76-113	
Chloroethane	mg/kg	0.05	0.048	96	59-148	
Chloroform	mg/kg	0.05	0.045	90	71-117	
Chloromethane	mg/kg	0.05	0.044	89	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.045	90	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.048	97	75-120	
Dibromochloromethane	mg/kg	0.05	0.047	94	78-121	
Dibromomethane	mg/kg	0.05	0.048	96	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.043	86	34-163	
Ethyl methacrylate	mg/kg	0.2	0.19	95	63-132	
Ethylbenzene	mg/kg	0.05	0.043	87	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.038	75	61-121	
Iodomethane	mg/kg	0.1	.095J	95	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.043	86	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.051	102	74-131	
Methylene Chloride	mg/kg	0.05	0.054	109	67-128	
n-Butylbenzene	mg/kg	0.05	0.038	77	61-116	
n-Hexane	mg/kg	0.05	0.043	86	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.042	85	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.040	81	68-117	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.042	84	72-117	
Styrene	mg/kg	0.05	0.043	86	75-120	
tert-Butylbenzene	mg/kg	0.05	0.036	72	55-100	
Tetrachloroethene	mg/kg	0.05	0.039	79	70-116	
Toluene	mg/kg	0.05	0.043	87	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.047	94	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.049	98	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.14	71	57-124	
Trichloroethene	mg/kg	0.05	0.043	85	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.051	101	59-139	
Vinyl acetate	mg/kg	0.2	0.18	88	70-134	
Vinyl chloride	mg/kg	0.05	0.045	89	58-133	
Xylene (Total)	mg/kg	0.15	0.13	84	71-119	
4-Bromofluorobenzene (S)	%.			100	65-119	
Dibromofluoromethane (S)	%.			97	77-131	
Toluene-d8 (S)	%.			100	77-127	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2463484 2463485

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.058	0.06	0.057	0.053	98	88	32-149	7	20	
1,1,1-Trichloroethane	mg/kg	ND	0.058	0.06	0.057	0.056	99	93	48-141	2	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.058	0.06	0.070	0.061	121	102	14-173	13	20	
1,1,2-Trichloroethane	mg/kg	ND	0.058	0.06	0.057	0.056	98	94	34-157	1	20	
1,1-Dichloroethane	mg/kg	ND	0.058	0.06	0.057	0.055	98	92	41-134	2	20	
1,1-Dichloroethene	mg/kg	ND	0.058	0.06	0.057	0.053	98	89	43-151	6	20	
1,1-Dichloropropene	mg/kg	ND	0.058	0.06	0.051	0.046	89	77	39-145	10	20	
1,2,3-Trichlorobenzene	mg/kg	ND	0.058	0.06	0.025	0.021	43	35	10-121	16	20	
1,2,3-Trichloropropane	mg/kg	ND	0.058	0.06	0.073	0.063	126	105	32-167	14	20	
1,2,4-Trichlorobenzene	mg/kg	ND	0.058	0.06	0.025	0.021	43	35	10-116	17	20	
1,2,4-Trimethylbenzene	mg/kg	ND	0.058	0.06	0.062	0.047	107	79	10-162	27	20	R1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.058	0.06	0.051	0.051	88	85	39-147	0	20	
1,2-Dichlorobenzene	mg/kg	ND	0.058	0.06	0.043	0.038	74	63	10-139	13	20	
1,2-Dichloroethane	mg/kg	ND	0.058	0.06	0.054	0.054	93	90	45-135	0	20	
1,2-Dichloropropane	mg/kg	ND	0.058	0.06	0.055	0.054	95	89	41-147	2	20	
1,3,5-Trimethylbenzene	mg/kg	ND	0.058	0.06	0.067	0.050	117	84	10-171	29	20	R1
1,3-Dichlorobenzene	mg/kg	ND	0.058	0.06	0.044	0.037	77	61	10-143	18	20	
1,3-Dichloropropane	mg/kg	ND	0.058	0.06	0.058	0.057	101	94	42-148	3	20	
1,4-Dichlorobenzene	mg/kg	ND	0.058	0.06	0.042	0.036	72	59	10-138	15	20	
2,2-Dichloropropane	mg/kg	ND	0.058	0.06	0.054	0.049	93	82	37-142	8	20	
2-Butanone (MEK)	mg/kg	ND	0.29	0.3	0.25	0.24	88	80	18-193	5	20	
2-Chlorotoluene	mg/kg	ND	0.058	0.06	0.065	0.051	112	85	10-170	23	20	R1
2-Hexanone	mg/kg	ND	0.29	0.3	0.27	0.24	94	81	29-165	10	20	
4-Chlorotoluene	mg/kg	ND	0.058	0.06	0.055	0.045	95	74	10-160	21	20	R1

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REPORT OF LABORATORY ANALYSIS

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2463484 2463485

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.29	0.3	0.31	0.27	106	89	38-147	13	20	
Acetone	mg/kg	ND	0.29	0.3	0.36	0.32	123	108	10-200	9	20	
Acrolein	mg/kg	ND	1.2	1.2	0.58	0.57	50	47	10-200	2	20	
Acrylonitrile	mg/kg	ND	0.23	0.24	0.17	0.19	72	77	21-149	10	20	
Benzene	mg/kg	ND	0.058	0.06	0.053	0.053	92	88	38-144	0	20	
Bromobenzene	mg/kg	ND	0.058	0.06	0.039	0.038	67	63	16-131	2	20	
Bromochloromethane	mg/kg	ND	0.058	0.06	0.051	0.051	89	85	46-130	0	20	
Bromodichloromethane	mg/kg	ND	0.058	0.06	0.048	0.049	83	82	23-144	3	20	
Bromoform	mg/kg	ND	0.058	0.06	0.065	0.056	112	93	10-160	14	20	
Bromomethane	mg/kg	ND	0.058	0.06	0.052	0.050	91	84	24-158	4	20	
Carbon disulfide	mg/kg	ND	0.058	0.06	0.048	0.044	84	73	33-142	10	20	
Carbon tetrachloride	mg/kg	ND	0.058	0.06	0.053	0.050	91	83	40-142	5	20	
Chlorobenzene	mg/kg	ND	0.058	0.06	0.046	0.044	80	73	30-134	5	20	
Chloroethane	mg/kg	ND	0.058	0.06	0.057	0.055	98	92	33-174	2	20	
Chloroform	mg/kg	ND	0.058	0.06	0.051	0.052	89	87	40-139	2	20	
Chloromethane	mg/kg	ND	0.058	0.06	0.053	0.053	92	88	27-129	1	20	
cis-1,2-Dichloroethene	mg/kg	ND	0.058	0.06	0.049	0.049	84	81	43-136	0	20	
cis-1,3-Dichloropropene	mg/kg	ND	0.058	0.06	0.054	0.052	94	86	28-145	4	20	
Dibromochloromethane	mg/kg	ND	0.058	0.06	0.052	0.051	91	85	27-146	2	20	
Dibromomethane	mg/kg	ND	0.058	0.06	0.047	0.049	82	81	46-133	3	20	
Dichlorodifluoromethane	mg/kg	ND	0.058	0.06	0.057	0.054	98	91	19-185	4	20	
Ethyl methacrylate	mg/kg	ND	0.23	0.24	.079J	.078J	34	32	10-157		20	
Ethylbenzene	mg/kg	ND	0.058	0.06	0.052	0.047	90	79	23-146	10	20	
Hexachloro-1,3-butadiene	mg/kg	ND	0.058	0.06	0.046	0.026	80	43	10-167	56	20	R1
Iodomethane	mg/kg	ND	0.12	0.12	.097J	.1J	84	85	20-171		20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.058	0.06	0.053	0.046	91	76	22-147	14	20	
Methyl-tert-butyl ether	mg/kg	ND	0.058	0.06	0.061	0.059	106	98	54-151	4	20	
Methylene Chloride	mg/kg	ND	0.058	0.06	0.054	0.058	93	96	35-148	7	20	
n-Butylbenzene	mg/kg	ND	0.058	0.06	0.056	0.035	96	58	10-170	46	20	R1
n-Hexane	mg/kg	ND	0.058	0.06	0.056	0.043	98	71	24-157	28	20	N2,R1
n-Propylbenzene	mg/kg	ND	0.058	0.06	0.069	0.051	119	84	10-173	30	20	R1
p-Isopropyltoluene	mg/kg	ND	0.058	0.06	0.064	0.044	111	73	10-179	37	20	R1
sec-Butylbenzene	mg/kg	ND	0.058	0.06	0.069	0.047	120	79	10-175	38	20	R1
Styrene	mg/kg	ND	0.058	0.06	0.041	0.040	71	67	12-140	2	20	
tert-Butylbenzene	mg/kg	ND	0.058	0.06	0.061	0.045	105	75	10-150	29	20	R1
Tetrachloroethene	mg/kg	ND	0.058	0.06	0.052	0.045	90	75	25-147	14	20	
Toluene	mg/kg	ND	0.058	0.06	0.053	0.050	92	84	31-144	6	20	
trans-1,2-Dichloroethene	mg/kg	ND	0.058	0.06	0.050	0.049	87	82	41-138	2	20	
trans-1,3-Dichloropropene	mg/kg	ND	0.058	0.06	0.048	0.047	83	78	27-131	2	20	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.23	0.24	0.12	ND	53	48	10-143		20	
Trichloroethene	mg/kg	ND	0.058	0.06	0.047	0.045	81	74	22-167	4	20	
Trichlorofluoromethane	mg/kg	ND	0.058	0.06	0.063	0.060	110	100	35-165	5	20	
Vinyl acetate	mg/kg	ND	0.23	0.24	.0023J	.0069J	1	3	10-131		20	M1
Vinyl chloride	mg/kg	ND	0.058	0.06	0.054	0.051	94	85	40-150	6	20	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2463484 2463485

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	mg/kg	ND	0.17	0.18	0.15	0.14	85	76	20-146	8	20	
4-Bromofluorobenzene (S)	%.						85	91	65-119			
Dibromofluoromethane (S)	%.						100	99	77-131			
Toluene-d8 (S)	%.						110	107	77-127			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533769 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241346013, 50241346014, 50241346015

METHOD BLANK: 2463498 Matrix: Solid
Associated Lab Samples: 50241346013, 50241346014, 50241346015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:32	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:32	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/18/19 23:32	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/18/19 23:32	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:32	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:32	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/18/19 23:32	
2-Butanone (MEK)	mg/kg	ND	0.025	11/18/19 23:32	
2-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 23:32	
2-Hexanone	mg/kg	ND	0.10	11/18/19 23:32	
4-Chlorotoluene	mg/kg	ND	0.0050	11/18/19 23:32	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/18/19 23:32	
Acetone	mg/kg	ND	0.10	11/18/19 23:32	
Acrolein	mg/kg	ND	0.10	11/18/19 23:32	
Acrylonitrile	mg/kg	ND	0.10	11/18/19 23:32	
Benzene	mg/kg	ND	0.0050	11/18/19 23:32	
Bromobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
Bromochloromethane	mg/kg	ND	0.0050	11/18/19 23:32	
Bromodichloromethane	mg/kg	ND	0.0050	11/18/19 23:32	
Bromoform	mg/kg	ND	0.0050	11/18/19 23:32	
Bromomethane	mg/kg	ND	0.0050	11/18/19 23:32	
Carbon disulfide	mg/kg	ND	0.010	11/18/19 23:32	
Carbon tetrachloride	mg/kg	ND	0.0050	11/18/19 23:32	
Chlorobenzene	mg/kg	ND	0.0050	11/18/19 23:32	
Chloroethane	mg/kg	ND	0.0050	11/18/19 23:32	
Chloroform	mg/kg	ND	0.0050	11/18/19 23:32	
Chloromethane	mg/kg	ND	0.0050	11/18/19 23:32	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:32	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2463498 Matrix: Solid
Associated Lab Samples: 50241346013, 50241346014, 50241346015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:32	
Dibromochloromethane	mg/kg	ND	0.0050	11/18/19 23:32	
Dibromomethane	mg/kg	ND	0.0050	11/18/19 23:32	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/18/19 23:32	
Ethyl methacrylate	mg/kg	ND	0.10	11/18/19 23:32	
Ethylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/18/19 23:32	
Iodomethane	mg/kg	ND	0.10	11/18/19 23:32	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/18/19 23:32	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/18/19 23:32	
Methylene Chloride	mg/kg	ND	0.020	11/18/19 23:32	
n-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
n-Hexane	mg/kg	ND	0.0050	11/18/19 23:32	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/18/19 23:32	
sec-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
Styrene	mg/kg	ND	0.0050	11/18/19 23:32	
tert-Butylbenzene	mg/kg	ND	0.0050	11/18/19 23:32	
Tetrachloroethene	mg/kg	ND	0.0050	11/18/19 23:32	
Toluene	mg/kg	ND	0.0050	11/18/19 23:32	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/18/19 23:32	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/18/19 23:32	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/18/19 23:32	
Trichloroethene	mg/kg	ND	0.0050	11/18/19 23:32	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/18/19 23:32	
Vinyl acetate	mg/kg	ND	0.10	11/18/19 23:32	
Vinyl chloride	mg/kg	ND	0.0050	11/18/19 23:32	
Xylene (Total)	mg/kg	ND	0.010	11/18/19 23:32	
4-Bromofluorobenzene (S)	%.	101	65-119	11/18/19 23:32	
Dibromofluoromethane (S)	%.	104	77-131	11/18/19 23:32	
Toluene-d8 (S)	%.	97	77-127	11/18/19 23:32	

LABORATORY CONTROL SAMPLE: 2463499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.051	102	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.052	104	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.051	102	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.051	103	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.050	100	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.053	106	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.048	96	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.043	86	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.052	104	71-124	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.040	79	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.044	89	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.049	98	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.045	89	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.051	102	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.051	103	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.046	92	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.043	85	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.054	108	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.043	86	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.050	99	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.25	100	57-145	
2-Chlorotoluene	mg/kg	0.05	0.046	93	71-117	
2-Hexanone	mg/kg	0.25	0.26	102	64-127	
4-Chlorotoluene	mg/kg	0.05	0.043	87	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.26	105	60-123	
Acetone	mg/kg	0.25	0.25	100	33-174	
Acrolein	mg/kg	1	0.73	73	11-200	
Acrylonitrile	mg/kg	0.2	0.19	96	64-123	
Benzene	mg/kg	0.05	0.048	97	74-119	
Bromobenzene	mg/kg	0.05	0.047	94	73-114	
Bromochloromethane	mg/kg	0.05	0.050	101	70-118	
Bromodichloromethane	mg/kg	0.05	0.048	95	73-120	
Bromoform	mg/kg	0.05	0.047	95	65-118	
Bromomethane	mg/kg	0.05	0.048	97	37-160	
Carbon disulfide	mg/kg	0.05	0.049	99	65-123	
Carbon tetrachloride	mg/kg	0.05	0.049	98	71-125	
Chlorobenzene	mg/kg	0.05	0.048	96	76-113	
Chloroethane	mg/kg	0.05	0.049	98	59-148	
Chloroform	mg/kg	0.05	0.048	95	71-117	
Chloromethane	mg/kg	0.05	0.044	89	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.048	97	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.055	110	75-120	
Dibromochloromethane	mg/kg	0.05	0.053	106	78-121	
Dibromomethane	mg/kg	0.05	0.051	101	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.045	91	34-163	
Ethyl methacrylate	mg/kg	0.2	0.21	104	63-132	
Ethylbenzene	mg/kg	0.05	0.047	95	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.043	86	61-121	
Iodomethane	mg/kg	0.1	0.10	101	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.047	93	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.053	106	74-131	
Methylene Chloride	mg/kg	0.05	0.056	113	67-128	
n-Butylbenzene	mg/kg	0.05	0.042	84	61-116	
n-Hexane	mg/kg	0.05	0.050	100	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.045	91	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.044	88	68-117	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.046	91	72-117	
Styrene	mg/kg	0.05	0.046	93	75-120	
tert-Butylbenzene	mg/kg	0.05	0.037	75	55-100	
Tetrachloroethene	mg/kg	0.05	0.046	92	70-116	
Toluene	mg/kg	0.05	0.047	93	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.050	100	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.052	103	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.15	76	57-124	
Trichloroethene	mg/kg	0.05	0.048	95	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.056	113	59-139	
Vinyl acetate	mg/kg	0.2	0.18	89	70-134	
Vinyl chloride	mg/kg	0.05	0.047	94	58-133	
Xylene (Total)	mg/kg	0.15	0.14	93	71-119	
4-Bromofluorobenzene (S)	%.			98	65-119	
Dibromofluoromethane (S)	%.			94	77-131	
Toluene-d8 (S)	%.			102	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533771
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50241255014

METHOD BLANK: 2463502
Matrix: Solid
Associated Lab Samples: 50241255014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/19/19 02:39	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/19/19 02:39	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/19/19 02:39	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/19/19 02:39	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/19/19 02:39	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/19/19 02:39	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/19/19 02:39	
2-Butanone (MEK)	mg/kg	ND	0.025	11/19/19 02:39	
2-Chlorotoluene	mg/kg	ND	0.0050	11/19/19 02:39	
2-Hexanone	mg/kg	ND	0.10	11/19/19 02:39	
4-Chlorotoluene	mg/kg	ND	0.0050	11/19/19 02:39	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/19/19 02:39	
Acetone	mg/kg	ND	0.10	11/19/19 02:39	
Acrolein	mg/kg	ND	0.10	11/19/19 02:39	
Acrylonitrile	mg/kg	ND	0.10	11/19/19 02:39	
Benzene	mg/kg	ND	0.0050	11/19/19 02:39	
Bromobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
Bromochloromethane	mg/kg	ND	0.0050	11/19/19 02:39	
Bromodichloromethane	mg/kg	ND	0.0050	11/19/19 02:39	
Bromoform	mg/kg	ND	0.0050	11/19/19 02:39	
Bromomethane	mg/kg	ND	0.0050	11/19/19 02:39	
Carbon disulfide	mg/kg	ND	0.010	11/19/19 02:39	
Carbon tetrachloride	mg/kg	ND	0.0050	11/19/19 02:39	
Chlorobenzene	mg/kg	ND	0.0050	11/19/19 02:39	
Chloroethane	mg/kg	ND	0.0050	11/19/19 02:39	
Chloroform	mg/kg	ND	0.0050	11/19/19 02:39	
Chloromethane	mg/kg	ND	0.0050	11/19/19 02:39	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/19/19 02:39	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

METHOD BLANK: 2463502 Matrix: Solid
Associated Lab Samples: 50241255014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/19/19 02:39	
Dibromochloromethane	mg/kg	ND	0.0050	11/19/19 02:39	
Dibromomethane	mg/kg	ND	0.0050	11/19/19 02:39	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/19/19 02:39	
Ethyl methacrylate	mg/kg	ND	0.10	11/19/19 02:39	
Ethylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/19/19 02:39	
Iodomethane	mg/kg	ND	0.10	11/19/19 02:39	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/19/19 02:39	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/19/19 02:39	
Methylene Chloride	mg/kg	ND	0.020	11/19/19 02:39	
n-Butylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
n-Hexane	mg/kg	ND	0.0050	11/19/19 02:39	N2
n-Propylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/19/19 02:39	
sec-Butylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
Styrene	mg/kg	ND	0.0050	11/19/19 02:39	
tert-Butylbenzene	mg/kg	ND	0.0050	11/19/19 02:39	
Tetrachloroethene	mg/kg	ND	0.0050	11/19/19 02:39	
Toluene	mg/kg	ND	0.0050	11/19/19 02:39	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/19/19 02:39	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/19/19 02:39	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/19/19 02:39	
Trichloroethene	mg/kg	ND	0.0050	11/19/19 02:39	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/19/19 02:39	
Vinyl acetate	mg/kg	ND	0.10	11/19/19 02:39	
Vinyl chloride	mg/kg	ND	0.0050	11/19/19 02:39	
Xylene (Total)	mg/kg	ND	0.010	11/19/19 02:39	
4-Bromofluorobenzene (S)	%.	101	65-119	11/19/19 02:39	
Dibromofluoromethane (S)	%.	99	77-131	11/19/19 02:39	
Toluene-d8 (S)	%.	98	77-127	11/19/19 02:39	

LABORATORY CONTROL SAMPLE: 2463503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.052	103	81-122	
1,1,1-Trichloroethane	mg/kg	0.05	0.058	116	72-125	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.048	96	70-124	
1,1,2-Trichloroethane	mg/kg	0.05	0.053	105	77-122	
1,1-Dichloroethane	mg/kg	0.05	0.053	107	69-116	
1,1-Dichloroethene	mg/kg	0.05	0.057	113	70-127	
1,1-Dichloropropene	mg/kg	0.05	0.053	105	72-122	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.042	84	56-118	
1,2,3-Trichloropropane	mg/kg	0.05	0.051	101	71-124	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.05	0.040	80	50-123	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.045	91	69-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.052	105	77-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.045	89	73-115	
1,2-Dichloroethane	mg/kg	0.05	0.052	105	72-120	
1,2-Dichloropropane	mg/kg	0.05	0.050	100	77-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.047	93	69-114	
1,3-Dichlorobenzene	mg/kg	0.05	0.043	86	66-115	
1,3-Dichloropropane	mg/kg	0.05	0.053	107	82-122	
1,4-Dichlorobenzene	mg/kg	0.05	0.043	86	66-114	
2,2-Dichloropropane	mg/kg	0.05	0.054	107	60-126	
2-Butanone (MEK)	mg/kg	0.25	0.26	106	57-145	
2-Chlorotoluene	mg/kg	0.05	0.047	95	71-117	
2-Hexanone	mg/kg	0.25	0.27	107	64-127	
4-Chlorotoluene	mg/kg	0.05	0.044	88	67-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.27	110	60-123	
Acetone	mg/kg	0.25	0.23	92	33-174	
Acrolein	mg/kg	1	0.94	94	11-200	
Acrylonitrile	mg/kg	0.2	0.20	100	64-123	
Benzene	mg/kg	0.05	0.051	102	74-119	
Bromobenzene	mg/kg	0.05	0.055	111	73-114	
Bromochloromethane	mg/kg	0.05	0.052	105	70-118	
Bromodichloromethane	mg/kg	0.05	0.050	100	73-120	
Bromoform	mg/kg	0.05	0.046	92	65-118	
Bromomethane	mg/kg	0.05	0.056	113	37-160	
Carbon disulfide	mg/kg	0.05	0.054	108	65-123	
Carbon tetrachloride	mg/kg	0.05	0.054	108	71-125	
Chlorobenzene	mg/kg	0.05	0.049	98	76-113	
Chloroethane	mg/kg	0.05	0.058	115	59-148	
Chloroform	mg/kg	0.05	0.053	106	71-117	
Chloromethane	mg/kg	0.05	0.050	100	49-112	
cis-1,2-Dichloroethene	mg/kg	0.05	0.053	106	70-122	
cis-1,3-Dichloropropene	mg/kg	0.05	0.053	106	75-120	
Dibromochloromethane	mg/kg	0.05	0.051	103	78-121	
Dibromomethane	mg/kg	0.05	0.053	106	75-125	
Dichlorodifluoromethane	mg/kg	0.05	0.068	136	34-163	
Ethyl methacrylate	mg/kg	0.2	0.22	112	63-132	
Ethylbenzene	mg/kg	0.05	0.049	97	73-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.046	93	61-121	
Iodomethane	mg/kg	0.1	0.10	105	71-143	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.051	103	74-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.055	111	74-131	
Methylene Chloride	mg/kg	0.05	0.053	107	67-128	
n-Butylbenzene	mg/kg	0.05	0.042	85	61-116	
n-Hexane	mg/kg	0.05	0.054	109	59-119	N2
n-Propylbenzene	mg/kg	0.05	0.045	90	70-115	
p-Isopropyltoluene	mg/kg	0.05	0.046	91	68-117	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2463503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	mg/kg	0.05	0.048	96	72-117	
Styrene	mg/kg	0.05	0.049	97	75-120	
tert-Butylbenzene	mg/kg	0.05	0.043	87	55-100	
Tetrachloroethene	mg/kg	0.05	0.048	97	70-116	
Toluene	mg/kg	0.05	0.049	98	72-112	
trans-1,2-Dichloroethene	mg/kg	0.05	0.054	109	70-120	
trans-1,3-Dichloropropene	mg/kg	0.05	0.051	102	67-119	
trans-1,4-Dichloro-2-butene	mg/kg	0.2	0.16	81	57-124	
Trichloroethene	mg/kg	0.05	0.051	102	74-120	
Trichlorofluoromethane	mg/kg	0.05	0.067	133	59-139	
Vinyl acetate	mg/kg	0.2	0.18	91	70-134	
Vinyl chloride	mg/kg	0.05	0.055	111	58-133	
Xylene (Total)	mg/kg	0.15	0.15	98	71-119	
4-Bromofluorobenzene (S)	%.			101	65-119	
Dibromofluoromethane (S)	%.			101	77-131	
Toluene-d8 (S)	%.			100	77-127	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532397 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 50240870005, 50240870006

METHOD BLANK: 2457095 Matrix: Solid
Associated Lab Samples: 50240870005, 50240870006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1221 (Aroclor 1221)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1232 (Aroclor 1232)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1242 (Aroclor 1242)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1248 (Aroclor 1248)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1254 (Aroclor 1254)	ug/kg	ND	99.7	11/13/19 07:03	
PCB-1260 (Aroclor 1260)	ug/kg	ND	99.7	11/13/19 07:03	
Tetrachloro-m-xylene (S)	%.	88	26-140	11/13/19 07:03	

LABORATORY CONTROL SAMPLE: 2457096

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	166	100	59-119	
PCB-1260 (Aroclor 1260)	ug/kg	166	127	76	57-119	
Tetrachloro-m-xylene (S)	%.			95	26-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457097 2457098

Parameter	Units	50241009016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	180	181	50.5J	68.1J	28	38	10-159		20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	180	181	44.4J	54.7J	16	22	11-131		20	
Tetrachloro-m-xylene (S)	%.						63	79	26-140			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533265 Analysis Method: EPA 8082
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 50241137003, 50241137004, 50241255005, 50241255006, 50241255009, 50241255010, 50241255011, 50241255014, 50241255015, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011

METHOD BLANK: 2460942 Matrix: Solid
Associated Lab Samples: 50241137003, 50241137004, 50241255005, 50241255006, 50241255009, 50241255010, 50241255011, 50241255014, 50241255015, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	100	11/15/19 16:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	100	11/15/19 16:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	100	11/15/19 16:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	100	11/15/19 16:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	100	11/15/19 16:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	100	11/15/19 16:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	100	11/15/19 16:36	
Tetrachloro-m-xylene (S)	%.	81	26-140	11/15/19 16:36	

LABORATORY CONTROL SAMPLE: 2460943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	149	90	59-119	
PCB-1260 (Aroclor 1260)	ug/kg	166	115	69	57-119	
Tetrachloro-m-xylene (S)	%.			83	26-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2460944 2460945

Parameter	Units	50241311001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	186	187	130	130	70	69	10-159	0	20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	186	187	111J	105J	60	56	11-131		20	
Tetrachloro-m-xylene (S)	%.						77	74	26-140			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533616
QC Batch Method: EPA 3546
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Associated Lab Samples: 50241346012

METHOD BLANK: 2462968
Matrix: Solid
Associated Lab Samples: 50241346012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1221 (Aroclor 1221)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1232 (Aroclor 1232)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1242 (Aroclor 1242)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1248 (Aroclor 1248)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1254 (Aroclor 1254)	ug/kg	ND	99.7	11/18/19 16:40	
PCB-1260 (Aroclor 1260)	ug/kg	ND	99.7	11/18/19 16:40	
Tetrachloro-m-xylene (S)	%.	85	26-140	11/18/19 16:40	

LABORATORY CONTROL SAMPLE: 2462969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	146	87	59-119	
PCB-1260 (Aroclor 1260)	ug/kg	167	112	67	57-119	
Tetrachloro-m-xylene (S)	%.			85	26-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462970 2462971

Parameter	Units	50241346012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	193	193	142	135	74	70	10-159	5	20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	193	193	105J	95.1J	54	49	11-131		20	
Tetrachloro-m-xylene (S)	%.						76	74	26-140			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531345
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240510001, 50240510002

METHOD BLANK: 2451947
Matrix: Solid
Associated Lab Samples: 50240510001, 50240510002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0049	11/07/19 11:43	
2-Methylnaphthalene	mg/kg	ND	0.0049	11/07/19 11:43	
Acenaphthene	mg/kg	ND	0.0049	11/07/19 11:43	
Acenaphthylene	mg/kg	ND	0.0049	11/07/19 11:43	
Anthracene	mg/kg	ND	0.0049	11/07/19 11:43	
Benzo(a)anthracene	mg/kg	ND	0.0049	11/07/19 11:43	
Benzo(a)pyrene	mg/kg	ND	0.0049	11/07/19 11:43	
Benzo(b)fluoranthene	mg/kg	ND	0.0049	11/07/19 11:43	
Benzo(g,h,i)perylene	mg/kg	ND	0.0049	11/07/19 11:43	
Benzo(k)fluoranthene	mg/kg	ND	0.0049	11/07/19 11:43	
Chrysene	mg/kg	ND	0.0049	11/07/19 11:43	
Dibenz(a,h)anthracene	mg/kg	ND	0.0049	11/07/19 11:43	
Fluoranthene	mg/kg	ND	0.0049	11/07/19 11:43	
Fluorene	mg/kg	ND	0.0049	11/07/19 11:43	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0049	11/07/19 11:43	
Naphthalene	mg/kg	ND	0.0049	11/07/19 11:43	
Phenanthrene	mg/kg	ND	0.0049	11/07/19 11:43	
Pyrene	mg/kg	ND	0.0049	11/07/19 11:43	
2-Fluorobiphenyl (S)	%.	104	23-107	11/07/19 11:43	
p-Terphenyl-d14 (S)	%.	109	16-117	11/07/19 11:43	

LABORATORY CONTROL SAMPLE: 2451948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.31	95	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.31	95	45-111	
Acenaphthene	mg/kg	0.33	0.32	97	48-109	
Acenaphthylene	mg/kg	0.33	0.32	98	49-108	
Anthracene	mg/kg	0.33	0.33	99	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.33	101	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.36	109	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.32	96	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.38	116	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.36	108	33-150	
Chrysene	mg/kg	0.33	0.34	103	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.38	116	28-160	
Fluoranthene	mg/kg	0.33	0.33	101	49-121	
Fluorene	mg/kg	0.33	0.33	100	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.36	111	31-155	
Naphthalene	mg/kg	0.33	0.30	92	47-103	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2451948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	0.33	0.32	98	50-114	
Pyrene	mg/kg	0.33	0.33	101	49-114	
2-Fluorobiphenyl (S)	%.			97	23-107	
p-Terphenyl-d14 (S)	%.			100	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2451949 2451950

Parameter	Units	50240315008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.36	0.36	0.36	0.36	99	99	10-145	1	20	
2-Methylnaphthalene	mg/kg	ND	0.36	0.36	0.36	0.37	101	103	10-135	1	20	
Acenaphthene	mg/kg	ND	0.36	0.36	0.34	0.34	95	93	10-138	2	20	
Acenaphthylene	mg/kg	ND	0.36	0.36	0.36	0.35	101	98	11-133	2	20	
Anthracene	mg/kg	ND	0.36	0.36	0.37	0.35	102	98	10-131	4	20	
Benzo(a)anthracene	mg/kg	ND	0.36	0.36	0.39	0.39	108	109	10-158	1	20	
Benzo(a)pyrene	mg/kg	ND	0.36	0.36	0.38	0.38	104	106	10-174	1	20	
Benzo(b)fluoranthene	mg/kg	ND	0.36	0.36	0.40	0.40	111	111	10-184	0	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.36	0.36	0.30	0.31	84	85	10-170	2	20	
Benzo(k)fluoranthene	mg/kg	ND	0.36	0.36	0.34	0.35	95	97	10-183	2	20	
Chrysene	mg/kg	ND	0.36	0.36	0.33	0.34	92	93	10-147	1	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.36	0.36	0.33	0.33	91	91	10-166	0	20	
Fluoranthene	mg/kg	ND	0.36	0.36	0.42	0.42	118	116	10-158	2	20	
Fluorene	mg/kg	ND	0.36	0.36	0.39	0.34	107	94	10-142	13	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.36	0.36	0.32	0.32	88	88	11-167	0	20	
Naphthalene	mg/kg	ND	0.36	0.36	0.33	0.33	93	93	13-128	0	20	
Phenanthrene	mg/kg	ND	0.36	0.36	0.36	0.36	99	99	10-164	1	20	
Pyrene	mg/kg	ND	0.36	0.36	0.35	0.35	96	98	10-152	1	20	
2-Fluorobiphenyl (S)	%.						83	85	23-107			
p-Terphenyl-d14 (S)	%.						96	105	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 531796 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240510003, 50240510004, 50240510005, 50240510006, 50240510007, 50240510008, 50240510009

METHOD BLANK: 2454276 Matrix: Solid
Associated Lab Samples: 50240510003, 50240510004, 50240510005, 50240510006, 50240510007, 50240510008, 50240510009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/08/19 17:16	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/08/19 17:16	
Acenaphthene	mg/kg	ND	0.0050	11/08/19 17:16	
Acenaphthylene	mg/kg	ND	0.0050	11/08/19 17:16	
Anthracene	mg/kg	ND	0.0050	11/08/19 17:16	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/08/19 17:16	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/08/19 17:16	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/08/19 17:16	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/08/19 17:16	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/08/19 17:16	
Chrysene	mg/kg	ND	0.0050	11/08/19 17:16	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/08/19 17:16	
Fluoranthene	mg/kg	ND	0.0050	11/08/19 17:16	
Fluorene	mg/kg	ND	0.0050	11/08/19 17:16	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/08/19 17:16	
Naphthalene	mg/kg	ND	0.0050	11/08/19 17:16	
Phenanthrene	mg/kg	ND	0.0050	11/08/19 17:16	
Pyrene	mg/kg	ND	0.0050	11/08/19 17:16	
2-Fluorobiphenyl (S)	%.	82	23-107	11/08/19 17:16	
p-Terphenyl-d14 (S)	%.	97	16-117	11/08/19 17:16	

LABORATORY CONTROL SAMPLE: 2454277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.30	89	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.30	90	45-111	
Acenaphthene	mg/kg	0.33	0.31	94	48-109	
Acenaphthylene	mg/kg	0.33	0.30	92	49-108	
Anthracene	mg/kg	0.33	0.32	98	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.33	101	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.35	106	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.31	95	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.34	103	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.34	103	33-150	
Chrysene	mg/kg	0.33	0.34	105	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.35	105	28-160	
Fluoranthene	mg/kg	0.33	0.34	102	49-121	
Fluorene	mg/kg	0.33	0.32	98	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.33	99	31-155	
Naphthalene	mg/kg	0.33	0.29	87	47-103	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2454277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	0.33	0.32	97	50-114	
Pyrene	mg/kg	0.33	0.34	102	49-114	
2-Fluorobiphenyl (S)	%.			92	23-107	
p-Terphenyl-d14 (S)	%.			103	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2454278 2454279

Parameter	Units	50240440003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	2.7	0.36	0.36	3.8	2.6	306	-8	10-145	35	20	M1,R1
2-Methylnaphthalene	mg/kg	4.2	0.36	0.36	5.6	3.9	387	-86	10-135	36	20	M1,R1
Acenaphthene	mg/kg	0.11	0.36	0.36	0.52	0.46	114	97	10-138	12	20	
Acenaphthylene	mg/kg	0.038	0.36	0.36	0.40	0.39	100	98	11-133	2	20	
Anthracene	mg/kg	ND	0.36	0.36	0.39	0.41	109	114	10-131	4	20	
Benzo(a)anthracene	mg/kg	0.12	0.36	0.36	0.53	0.47	116	98	10-158	12	20	
Benzo(a)pyrene	mg/kg	0.12	0.36	0.36	0.52	0.48	110	99	10-174	8	20	
Benzo(b)fluoranthene	mg/kg	0.079	0.36	0.36	0.47	0.42	108	95	10-184	11	20	
Benzo(g,h,i)perylene	mg/kg	0.18	0.36	0.36	0.54	0.59	101	115	10-170	9	20	
Benzo(k)fluoranthene	mg/kg	0.050	0.36	0.36	0.42	0.39	101	95	10-183	6	20	
Chrysene	mg/kg	0.21	0.36	0.36	0.69	0.55	131	93	10-147	22	20	R1
Dibenz(a,h)anthracene	mg/kg	0.038	0.36	0.36	0.42	0.42	106	106	10-166	0	20	
Fluoranthene	mg/kg	0.17	0.36	0.36	0.62	0.53	124	99	10-158	16	20	
Fluorene	mg/kg	0.45	0.36	0.36	0.99	0.78	149	90	10-142	24	20	M1,R1
Indeno(1,2,3-cd)pyrene	mg/kg	0.031	0.36	0.36	0.37	0.38	93	96	11-167	4	20	
Naphthalene	mg/kg	3.4	0.36	0.36	4.5	3.2	313	-46	13-128	34	20	M1,R1
Phenanthrene	mg/kg	1.4	0.36	0.36	2.3	1.6	254	59	10-164	35	20	M1,R1
Pyrene	mg/kg	0.23	0.36	0.36	0.68	0.59	126	102	10-152	13	20	
2-Fluorobiphenyl (S)	%.						100	96	23-107			
p-Terphenyl-d14 (S)	%.						103	98	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532182 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008

METHOD BLANK: 2456553 Matrix: Solid
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/11/19 18:02	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/11/19 18:02	
Acenaphthene	mg/kg	ND	0.0050	11/11/19 18:02	
Acenaphthylene	mg/kg	ND	0.0050	11/11/19 18:02	
Anthracene	mg/kg	ND	0.0050	11/11/19 18:02	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/11/19 18:02	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/11/19 18:02	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/11/19 18:02	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/11/19 18:02	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/11/19 18:02	
Chrysene	mg/kg	ND	0.0050	11/11/19 18:02	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/11/19 18:02	
Fluoranthene	mg/kg	ND	0.0050	11/11/19 18:02	
Fluorene	mg/kg	ND	0.0050	11/11/19 18:02	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/11/19 18:02	
Naphthalene	mg/kg	ND	0.0050	11/11/19 18:02	
Phenanthrene	mg/kg	ND	0.0050	11/11/19 18:02	
Pyrene	mg/kg	ND	0.0050	11/11/19 18:02	
2-Fluorobiphenyl (S)	%.	64	23-107	11/11/19 18:02	
p-Terphenyl-d14 (S)	%.	75	16-117	11/11/19 18:02	

LABORATORY CONTROL SAMPLE: 2456554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.23	68	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.23	68	45-111	
Acenaphthene	mg/kg	0.33	0.24	72	48-109	
Acenaphthylene	mg/kg	0.33	0.24	72	49-108	
Anthracene	mg/kg	0.33	0.27	81	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.29	86	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.28	85	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.27	82	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.30	90	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.30	91	33-150	
Chrysene	mg/kg	0.33	0.29	88	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.31	92	28-160	
Fluoranthene	mg/kg	0.33	0.28	84	49-121	
Fluorene	mg/kg	0.33	0.25	76	47-116	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2456554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.29	87	31-155	
Naphthalene	mg/kg	0.33	0.22	67	47-103	
Phenanthrene	mg/kg	0.33	0.26	80	50-114	
Pyrene	mg/kg	0.33	0.28	85	49-114	
2-Fluorobiphenyl (S)	%.			71	23-107	
p-Terphenyl-d14 (S)	%.			83	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2456555 2456556

Parameter	Units	50240705006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.41	0.41	0.27	0.36	67	87	10-145	27	20	R1
2-Methylnaphthalene	mg/kg	ND	0.41	0.41	0.27	0.36	67	87	10-135	28	20	R1
Acenaphthene	mg/kg	ND	0.41	0.41	0.28	0.36	68	88	10-138	26	20	R1
Acenaphthylene	mg/kg	ND	0.41	0.41	0.29	0.37	70	90	11-133	26	20	R1
Anthracene	mg/kg	ND	0.41	0.41	0.28	0.36	69	86	10-131	23	20	R1
Benzo(a)anthracene	mg/kg	ND	0.41	0.41	0.28	0.35	68	85	10-158	22	20	R1
Benzo(a)pyrene	mg/kg	ND	0.41	0.41	0.27	0.36	67	87	10-174	27	20	R1
Benzo(b)fluoranthene	mg/kg	ND	0.41	0.41	0.27	0.33	65	79	10-184	21	20	R1
Benzo(g,h,i)perylene	mg/kg	ND	0.41	0.41	0.29	0.36	70	86	10-170	21	20	R1
Benzo(k)fluoranthene	mg/kg	ND	0.41	0.41	0.29	0.35	70	85	10-183	21	20	R1
Chrysene	mg/kg	ND	0.41	0.41	0.30	0.38	73	91	10-147	23	20	R1
Dibenz(a,h)anthracene	mg/kg	ND	0.41	0.41	0.31	0.39	76	94	10-166	22	20	R1
Fluoranthene	mg/kg	ND	0.41	0.41	0.27	0.34	66	82	10-158	22	20	R1
Fluorene	mg/kg	ND	0.41	0.41	0.28	0.36	69	88	10-142	25	20	R1
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.41	0.41	0.27	0.33	66	79	11-167	18	20	
Naphthalene	mg/kg	ND	0.41	0.41	0.27	0.36	66	87	13-128	28	20	R1
Phenanthrene	mg/kg	ND	0.41	0.41	0.28	0.35	67	84	10-164	24	20	R1
Pyrene	mg/kg	ND	0.41	0.41	0.27	0.34	66	82	10-152	23	20	R1
2-Fluorobiphenyl (S)	%.						68	86	23-107			
p-Terphenyl-d14 (S)	%.						63	83	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532467 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016, 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007

METHOD BLANK: 2457371 Matrix: Solid
Associated Lab Samples: 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016, 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006, 50240870007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/12/19 16:54	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/12/19 16:54	
Acenaphthene	mg/kg	ND	0.0050	11/12/19 16:54	
Acenaphthylene	mg/kg	ND	0.0050	11/12/19 16:54	
Anthracene	mg/kg	ND	0.0050	11/12/19 16:54	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/12/19 16:54	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/12/19 16:54	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/12/19 16:54	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/12/19 16:54	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/12/19 16:54	
Chrysene	mg/kg	ND	0.0050	11/12/19 16:54	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/12/19 16:54	
Fluoranthene	mg/kg	ND	0.0050	11/12/19 16:54	
Fluorene	mg/kg	ND	0.0050	11/12/19 16:54	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/12/19 16:54	
Naphthalene	mg/kg	ND	0.0050	11/12/19 16:54	
Phenanthrene	mg/kg	ND	0.0050	11/12/19 16:54	
Pyrene	mg/kg	ND	0.0050	11/12/19 16:54	
2-Fluorobiphenyl (S)	%.	81	23-107	11/12/19 16:54	
p-Terphenyl-d14 (S)	%.	95	16-117	11/12/19 16:54	

LABORATORY CONTROL SAMPLE: 2457372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.23	71	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.23	71	45-111	
Acenaphthene	mg/kg	0.33	0.25	76	48-109	
Acenaphthylene	mg/kg	0.33	0.25	75	49-108	
Anthracene	mg/kg	0.33	0.30	90	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.32	98	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.34	102	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.31	93	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.33	101	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.35	106	33-150	
Chrysene	mg/kg	0.33	0.33	99	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.34	104	28-160	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2457372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	0.33	0.32	96	49-121	
Fluorene	mg/kg	0.33	0.27	82	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.32	97	31-155	
Naphthalene	mg/kg	0.33	0.23	69	47-103	
Phenanthrene	mg/kg	0.33	0.29	87	50-114	
Pyrene	mg/kg	0.33	0.32	97	49-114	
2-Fluorobiphenyl (S)	%.			74	23-107	
p-Terphenyl-d14 (S)	%.			95	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2457373 2457374

Parameter	Units	50240705010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.4	0.4	0.33	0.30	81	74	10-145	9	20	
2-Methylnaphthalene	mg/kg	ND	0.4	0.4	0.33	0.30	81	74	10-135	9	20	
Acenaphthene	mg/kg	ND	0.4	0.4	0.33	0.30	81	75	10-138	9	20	
Acenaphthylene	mg/kg	ND	0.4	0.4	0.34	0.30	85	75	11-133	12	20	
Anthracene	mg/kg	ND	0.4	0.4	0.31	0.28	77	71	10-131	9	20	
Benzo(a)anthracene	mg/kg	ND	0.4	0.4	0.29	0.26	71	64	10-158	11	20	
Benzo(a)pyrene	mg/kg	ND	0.4	0.4	0.29	0.26	71	64	10-174	11	20	
Benzo(b)fluoranthene	mg/kg	ND	0.4	0.4	0.25	0.23	62	57	10-184	9	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.4	0.4	0.27	0.24	68	58	10-170	15	20	
Benzo(k)fluoranthene	mg/kg	ND	0.4	0.4	0.30	0.27	75	66	10-183	13	20	
Chrysene	mg/kg	ND	0.4	0.4	0.31	0.27	76	67	10-147	13	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.4	0.4	0.31	0.26	76	64	10-166	18	20	
Fluoranthene	mg/kg	ND	0.4	0.4	0.30	0.27	74	67	10-158	10	20	
Fluorene	mg/kg	ND	0.4	0.4	0.33	0.30	81	74	10-142	9	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.4	0.4	0.26	0.23	65	58	11-167	12	20	
Naphthalene	mg/kg	ND	0.4	0.4	0.34	0.31	84	76	13-128	10	20	
Phenanthrene	mg/kg	ND	0.4	0.4	0.31	0.28	78	70	10-164	11	20	
Pyrene	mg/kg	ND	0.4	0.4	0.30	0.27	73	67	10-152	10	20	
2-Fluorobiphenyl (S)	%.						81	77	23-107			
p-Terphenyl-d14 (S)	%.						71	65	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532653 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240870008, 50240870010, 50240870012

METHOD BLANK: 2458146 Matrix: Solid
Associated Lab Samples: 50240870008, 50240870010, 50240870012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/13/19 13:00	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/13/19 13:00	
Acenaphthene	mg/kg	ND	0.0050	11/13/19 13:00	
Acenaphthylene	mg/kg	ND	0.0050	11/13/19 13:00	
Anthracene	mg/kg	ND	0.0050	11/13/19 13:00	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/13/19 13:00	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/13/19 13:00	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/13/19 13:00	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/13/19 13:00	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/13/19 13:00	
Chrysene	mg/kg	ND	0.0050	11/13/19 13:00	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/13/19 13:00	
Fluoranthene	mg/kg	ND	0.0050	11/13/19 13:00	
Fluorene	mg/kg	ND	0.0050	11/13/19 13:00	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/13/19 13:00	
Naphthalene	mg/kg	ND	0.0050	11/13/19 13:00	
Phenanthrene	mg/kg	ND	0.0050	11/13/19 13:00	
Pyrene	mg/kg	ND	0.0050	11/13/19 13:00	
2-Fluorobiphenyl (S)	%.	80	23-107	11/13/19 13:00	
p-Terphenyl-d14 (S)	%.	84	16-117	11/13/19 13:00	

LABORATORY CONTROL SAMPLE: 2458147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.29	89	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.30	90	45-111	
Acenaphthene	mg/kg	0.33	0.30	92	48-109	
Acenaphthylene	mg/kg	0.33	0.30	92	49-108	
Anthracene	mg/kg	0.33	0.31	95	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.32	97	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.34	105	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.37	114	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.33	101	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.30	91	33-150	
Chrysene	mg/kg	0.33	0.32	99	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.35	105	28-160	
Fluoranthene	mg/kg	0.33	0.32	96	49-121	
Fluorene	mg/kg	0.33	0.30	92	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.32	98	31-155	
Naphthalene	mg/kg	0.33	0.29	88	47-103	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2458147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	0.33	0.30	92	50-114	
Pyrene	mg/kg	0.33	0.32	98	49-114	
2-Fluorobiphenyl (S)	%.			92	23-107	
p-Terphenyl-d14 (S)	%.			95	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458148 2458149

Parameter	Units	50240377004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	6.4	0.39	0.39	6.3	6.2	-25	-40	10-145	1	20	M1
2-Methylnaphthalene	mg/kg	10.7	0.39	0.39	10.3	10.1	-100	-130	10-135	1	20	M1
Acenaphthene	mg/kg	0.25	0.39	0.39	0.53	0.49	71	60	10-138	8	20	
Acenaphthylene	mg/kg	ND	0.39	0.39	0.34	0.29	80	67	11-133	16	20	
Anthracene	mg/kg	0.30	0.39	0.39	0.56	0.51	67	54	10-131	9	20	
Benzo(a)anthracene	mg/kg	2.4	0.39	0.39	2.5	2.2	33	-42	10-158	12	20	M1
Benzo(a)pyrene	mg/kg	3.0	0.39	0.39	3.0	2.7	0	-74	10-174	10	20	M1
Benzo(b)fluoranthene	mg/kg	2.8	0.39	0.39	2.8	2.6	4	-52	10-184	8	20	M1
Benzo(g,h,i)perylene	mg/kg	2.4	0.39	0.39	2.4	2.2	13	-42	10-170	9	20	M1
Benzo(k)fluoranthene	mg/kg	1.7	0.39	0.39	1.8	1.6	27	-22	10-183	11	20	M1
Chrysene	mg/kg	4.5	0.39	0.39	4.4	4.0	-19	-127	10-147	10	20	M1
Dibenz(a,h)anthracene	mg/kg	1.1	0.39	0.39	1.1	0.96	-12	-35	10-166	9	20	M1
Fluoranthene	mg/kg	1.6	0.39	0.39	1.6	1.5	13	-25	10-158	10	20	M1
Fluorene	mg/kg	0.32	0.39	0.39	0.59	0.54	70	57	10-142	9	20	
Indeno(1,2,3-cd)pyrene	mg/kg	1.6	0.39	0.39	1.7	1.7	35	13	11-167	5	20	
Naphthalene	mg/kg	12.4	0.39	0.39	10.6	10.8	-462	-396	13-128	2	20	ED,M1
Phenanthrene	mg/kg	1.4	0.39	0.39	1.4	1.4	19	8	10-164	3	20	M1
Pyrene	mg/kg	2.1	0.39	0.39	2.3	2.2	46	4	10-152	7	20	M1
2-Fluorobiphenyl (S)	%.						85	70	23-107			
p-Terphenyl-d14 (S)	%.						87	74	16-117			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458150 2458151

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.42	0.42	0.32	0.35	77	82	10-145	8	20	
2-Methylnaphthalene	mg/kg	ND	0.42	0.42	0.32	0.35	76	82	10-135	9	20	
Acenaphthene	mg/kg	ND	0.42	0.42	0.33	0.36	79	86	10-138	9	20	
Acenaphthylene	mg/kg	ND	0.42	0.42	0.34	0.36	80	85	11-133	7	20	
Anthracene	mg/kg	ND	0.42	0.42	0.34	0.37	81	88	10-131	9	20	
Benzo(a)anthracene	mg/kg	ND	0.42	0.42	0.33	0.36	80	86	10-158	9	20	
Benzo(a)pyrene	mg/kg	ND	0.42	0.42	0.34	0.38	82	89	10-174	10	20	
Benzo(b)fluoranthene	mg/kg	ND	0.42	0.42	0.31	0.34	73	81	10-184	10	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.42	0.42	0.34	0.36	81	86	10-170	7	20	
Benzo(k)fluoranthene	mg/kg	ND	0.42	0.42	0.36	0.38	86	91	10-183	7	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458150 2458151

Parameter	Units	50240870010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chrysene	mg/kg	ND	0.42	0.42	0.35	0.37	83	89	10-147	7	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.42	0.42	0.36	0.38	86	91	10-166	5	20	
Fluoranthene	mg/kg	ND	0.42	0.42	0.34	0.37	81	88	10-158	9	20	
Fluorene	mg/kg	ND	0.42	0.42	0.34	0.37	82	87	10-142	7	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.42	0.42	0.33	0.35	79	84	11-167	7	20	
Naphthalene	mg/kg	ND	0.42	0.42	0.31	0.35	75	83	13-128	11	20	
Phenanthrene	mg/kg	ND	0.42	0.42	0.33	0.36	78	85	10-164	9	20	
Pyrene	mg/kg	ND	0.42	0.42	0.34	0.37	81	87	10-152	8	20	
2-Fluorobiphenyl (S)	%.						79	86	23-107			
p-Terphenyl-d14 (S)	%.						76	79	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532762 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

METHOD BLANK: 2458521 Matrix: Solid
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
Acenaphthene	mg/kg	ND	0.0050	11/14/19 15:13	
Acenaphthylene	mg/kg	ND	0.0050	11/14/19 15:13	
Anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/14/19 15:13	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Chrysene	mg/kg	ND	0.0050	11/14/19 15:13	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/14/19 15:13	
Fluoranthene	mg/kg	ND	0.0050	11/14/19 15:13	
Fluorene	mg/kg	ND	0.0050	11/14/19 15:13	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
Naphthalene	mg/kg	ND	0.0050	11/14/19 15:13	
Phenanthrene	mg/kg	ND	0.0050	11/14/19 15:13	
Pyrene	mg/kg	ND	0.0050	11/14/19 15:13	
2-Fluorobiphenyl (S)	%.	87	23-107	11/14/19 15:13	
p-Terphenyl-d14 (S)	%.	92	16-117	11/14/19 15:13	

LABORATORY CONTROL SAMPLE: 2458522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.27	81	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.27	82	45-111	
Acenaphthene	mg/kg	0.33	0.28	86	48-109	
Acenaphthylene	mg/kg	0.33	0.28	85	49-108	
Anthracene	mg/kg	0.33	0.30	92	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.31	95	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.33	99	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.31	95	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.33	101	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.33	101	33-150	
Chrysene	mg/kg	0.33	0.32	97	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.35	106	28-160	
Fluoranthene	mg/kg	0.33	0.31	95	49-121	
Fluorene	mg/kg	0.33	0.29	88	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.32	97	31-155	
Naphthalene	mg/kg	0.33	0.27	82	47-103	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2458522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	0.33	0.29	89	50-114	
Pyrene	mg/kg	0.33	0.31	94	49-114	
2-Fluorobiphenyl (S)	%.			90	23-107	
p-Terphenyl-d14 (S)	%.			96	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2458523 2458524

Parameter	Units	50241137001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.044	0.4	0.4	0.34	0.31	73	65	10-145	9	20	
2-Methylnaphthalene	mg/kg	0.057	0.4	0.4	0.34	0.31	71	61	10-135	11	20	
Acenaphthene	mg/kg	ND	0.4	0.4	0.32	0.30	78	70	10-138	9	20	
Acenaphthylene	mg/kg	ND	0.4	0.4	0.29	0.28	65	62	11-133	3	20	
Anthracene	mg/kg	ND	0.4	0.4	0.27	0.25	62	55	10-131	10	20	
Benzo(a)anthracene	mg/kg	ND	0.4	0.4	0.24	0.21	55	46	10-158	15	20	
Benzo(a)pyrene	mg/kg	ND	0.4	0.4	0.19	0.16	45	36	10-174	21	20	R1
Benzo(b)fluoranthene	mg/kg	ND	0.4	0.4	0.20	0.18	50	43	10-184	13	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.4	0.4	0.16	0.13	36	30	10-170	16	20	
Benzo(k)fluoranthene	mg/kg	ND	0.4	0.4	0.24	0.21	61	51	10-183	16	20	
Chrysene	mg/kg	0.043	0.4	0.4	0.26	0.23	54	46	10-147	12	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.4	0.4	0.18	0.14	45	34	10-166	27	20	R1
Fluoranthene	mg/kg	0.070	0.4	0.4	0.34	0.31	68	59	10-158	10	20	
Fluorene	mg/kg	ND	0.4	0.4	0.31	0.28	75	68	10-142	9	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.4	0.4	0.16	0.12	39	29	11-167	26	20	R1
Naphthalene	mg/kg	0.12	0.4	0.4	0.39	0.37	69	62	13-128	6	20	
Phenanthrene	mg/kg	0.15	0.4	0.4	0.48	0.44	82	73	10-164	7	20	
Pyrene	mg/kg	0.063	0.4	0.4	0.33	0.30	66	59	10-152	9	20	
2-Fluorobiphenyl (S)	%.						67	55	23-107			
p-Terphenyl-d14 (S)	%.						56	47	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533618 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50240870009, 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015, 50241346001, 50241346002, 50241346003, 50241346004, 50241346005

METHOD BLANK: 2462976 Matrix: Solid
Associated Lab Samples: 50240870009, 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015, 50241346001, 50241346002, 50241346003, 50241346004, 50241346005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/18/19 17:19	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/18/19 17:19	
Acenaphthene	mg/kg	ND	0.0050	11/18/19 17:19	
Acenaphthylene	mg/kg	ND	0.0050	11/18/19 17:19	
Anthracene	mg/kg	ND	0.0050	11/18/19 17:19	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/18/19 17:19	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/18/19 17:19	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/18/19 17:19	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/18/19 17:19	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/18/19 17:19	
Chrysene	mg/kg	ND	0.0050	11/18/19 17:19	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/18/19 17:19	
Fluoranthene	mg/kg	ND	0.0050	11/18/19 17:19	
Fluorene	mg/kg	ND	0.0050	11/18/19 17:19	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/18/19 17:19	
Naphthalene	mg/kg	ND	0.0050	11/18/19 17:19	
Phenanthrene	mg/kg	ND	0.0050	11/18/19 17:19	
Pyrene	mg/kg	ND	0.0050	11/18/19 17:19	
2-Fluorobiphenyl (S)	%.	88	23-107	11/18/19 17:19	
p-Terphenyl-d14 (S)	%.	93	16-117	11/18/19 17:19	

LABORATORY CONTROL SAMPLE: 2462977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.30	89	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.30	89	45-111	
Acenaphthene	mg/kg	0.33	0.31	94	48-109	
Acenaphthylene	mg/kg	0.33	0.31	94	49-108	
Anthracene	mg/kg	0.33	0.33	100	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.34	103	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.37	111	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.33	100	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.36	109	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.38	114	33-150	
Chrysene	mg/kg	0.33	0.35	106	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.37	112	28-160	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2462977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	0.33	0.34	104	49-121	
Fluorene	mg/kg	0.33	0.32	97	47-116	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.35	106	31-155	
Naphthalene	mg/kg	0.33	0.29	88	47-103	
Phenanthrene	mg/kg	0.33	0.32	97	50-114	
Pyrene	mg/kg	0.33	0.34	102	49-114	
2-Fluorobiphenyl (S)	%.			90	23-107	
p-Terphenyl-d14 (S)	%.			93	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462978 2462979

Parameter	Units	50241255004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.41	0.41	0.34	0.33	82	81	10-145	2	20	
2-Methylnaphthalene	mg/kg	ND	0.41	0.41	0.34	0.33	83	81	10-135	3	20	
Acenaphthene	mg/kg	ND	0.41	0.41	0.35	0.35	85	84	10-138	2	20	
Acenaphthylene	mg/kg	ND	0.41	0.41	0.35	0.35	86	85	11-133	1	20	
Anthracene	mg/kg	ND	0.41	0.41	0.35	0.34	85	82	10-131	4	20	
Benzo(a)anthracene	mg/kg	ND	0.41	0.41	0.32	0.33	78	80	10-158	2	20	
Benzo(a)pyrene	mg/kg	ND	0.41	0.41	0.32	0.34	77	83	10-174	6	20	
Benzo(b)fluoranthene	mg/kg	ND	0.41	0.41	0.27	0.29	66	71	10-184	6	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.41	0.41	0.29	0.31	69	76	10-170	8	20	
Benzo(k)fluoranthene	mg/kg	ND	0.41	0.41	0.33	0.35	81	85	10-183	4	20	
Chrysene	mg/kg	ND	0.41	0.41	0.35	0.36	84	88	10-147	3	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.41	0.41	0.34	0.35	82	85	10-166	3	20	
Fluoranthene	mg/kg	ND	0.41	0.41	0.34	0.33	83	80	10-158	4	20	
Fluorene	mg/kg	ND	0.41	0.41	0.36	0.35	86	84	10-142	3	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.41	0.41	0.28	0.31	69	75	11-167	7	20	
Naphthalene	mg/kg	ND	0.41	0.41	0.35	0.34	84	84	13-128	0	20	
Phenanthrene	mg/kg	ND	0.41	0.41	0.35	0.34	85	82	10-164	4	20	
Pyrene	mg/kg	ND	0.41	0.41	0.34	0.32	82	79	10-152	5	20	
2-Fluorobiphenyl (S)	%.						77	81	23-107			
p-Terphenyl-d14 (S)	%.						67	77	16-117			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462980 2462981

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.012	0.4	0.4	0.30	0.28	70	66	10-145	6	20	
2-Methylnaphthalene	mg/kg	0.014	0.4	0.4	0.32	0.29	77	70	10-135	9	20	
Acenaphthene	mg/kg	ND	0.4	0.4	0.28	0.27	70	67	10-138	5	20	
Acenaphthylene	mg/kg	ND	0.4	0.4	0.30	0.29	75	72	11-133	4	20	
Anthracene	mg/kg	ND	0.4	0.4	0.30	0.30	74	73	10-131	2	20	
Benzo(a)anthracene	mg/kg	0.013	0.4	0.4	0.31	0.32	74	77	10-158	3	20	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462980 2462981

Parameter	Units	50241255012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	mg/kg	0.014	0.4	0.4	0.29	0.31	70	73	10-174	4	20	
Benzo(b)fluoranthene	mg/kg	0.018	0.4	0.4	0.29	0.30	69	71	10-184	3	20	
Benzo(g,h,i)perylene	mg/kg	0.011	0.4	0.4	0.22	0.23	52	54	10-170	5	20	
Benzo(k)fluoranthene	mg/kg	0.011	0.4	0.4	0.28	0.29	68	70	10-183	4	20	
Chrysene	mg/kg	0.014	0.4	0.4	0.28	0.28	65	66	10-147	1	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.4	0.4	0.25	0.26	61	63	10-166	3	20	
Fluoranthene	mg/kg	0.019	0.4	0.4	0.31	0.31	72	73	10-158	1	20	
Fluorene	mg/kg	ND	0.4	0.4	0.31	0.29	76	73	10-142	5	20	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0076	0.4	0.4	0.23	0.24	55	59	11-167	6	20	
Naphthalene	mg/kg	0.0090	0.4	0.4	0.34	0.27	83	64	13-128	26	20	R1
Phenanthrene	mg/kg	0.019	0.4	0.4	0.33	0.31	78	72	10-164	7	20	
Pyrene	mg/kg	0.019	0.4	0.4	0.32	0.32	74	76	10-152	2	20	
2-Fluorobiphenyl (S)	%.						58	55	23-107			
p-Terphenyl-d14 (S)	%.						67	66	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533620 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

METHOD BLANK: 2462985 Matrix: Solid
Associated Lab Samples: 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	11/19/19 09:36	
2-Methylnaphthalene	mg/kg	ND	0.0050	11/19/19 09:36	
Acenaphthene	mg/kg	ND	0.0050	11/19/19 09:36	
Acenaphthylene	mg/kg	ND	0.0050	11/19/19 09:36	
Anthracene	mg/kg	ND	0.0050	11/19/19 09:36	
Benzo(a)anthracene	mg/kg	ND	0.0050	11/19/19 09:36	
Benzo(a)pyrene	mg/kg	ND	0.0050	11/19/19 09:36	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	11/19/19 09:36	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	11/19/19 09:36	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	11/19/19 09:36	
Chrysene	mg/kg	ND	0.0050	11/19/19 09:36	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	11/19/19 09:36	
Fluoranthene	mg/kg	ND	0.0050	11/19/19 09:36	
Fluorene	mg/kg	ND	0.0050	11/19/19 09:36	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	11/19/19 09:36	
Naphthalene	mg/kg	ND	0.0050	11/19/19 09:36	
Phenanthrene	mg/kg	ND	0.0050	11/19/19 09:36	
Pyrene	mg/kg	ND	0.0050	11/19/19 09:36	
2-Fluorobiphenyl (S)	%.	77	23-107	11/19/19 09:36	
p-Terphenyl-d14 (S)	%.	96	16-117	11/19/19 09:36	

LABORATORY CONTROL SAMPLE: 2462986

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.30	91	44-111	
2-Methylnaphthalene	mg/kg	0.33	0.32	96	45-111	
Acenaphthene	mg/kg	0.33	0.30	91	48-109	
Acenaphthylene	mg/kg	0.33	0.32	97	49-108	
Anthracene	mg/kg	0.33	0.33	100	44-104	
Benzo(a)anthracene	mg/kg	0.33	0.37	112	46-122	
Benzo(a)pyrene	mg/kg	0.33	0.37	110	31-156	
Benzo(b)fluoranthene	mg/kg	0.33	0.43	128	29-158	
Benzo(g,h,i)perylene	mg/kg	0.33	0.30	89	35-145	
Benzo(k)fluoranthene	mg/kg	0.33	0.39	117	33-150	
Chrysene	mg/kg	0.33	0.31	94	47-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.32	95	28-160	
Fluoranthene	mg/kg	0.33	0.36	107	49-121	
Fluorene	mg/kg	0.33	0.33	98	47-116	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

LABORATORY CONTROL SAMPLE: 2462986

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.31	92	31-155	
Naphthalene	mg/kg	0.33	0.29	88	47-103	
Phenanthrene	mg/kg	0.33	0.33	98	50-114	
Pyrene	mg/kg	0.33	0.35	105	49-114	
2-Fluorobiphenyl (S)	%.			78	23-107	
p-Terphenyl-d14 (S)	%.			98	16-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462987 2462988

Parameter	Units	50241346014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	0.35	0.35	0.32	0.32	90	90	10-145	0	20	
2-Methylnaphthalene	mg/kg	ND	0.35	0.35	0.33	0.33	94	93	10-135	1	20	
Acenaphthene	mg/kg	ND	0.35	0.35	0.32	0.32	90	89	10-138	1	20	
Acenaphthylene	mg/kg	ND	0.35	0.35	0.35	0.35	97	97	11-133	0	20	
Anthracene	mg/kg	ND	0.35	0.35	0.36	0.33	100	92	10-131	8	20	
Benzo(a)anthracene	mg/kg	ND	0.35	0.35	0.39	0.33	110	93	10-158	16	20	
Benzo(a)pyrene	mg/kg	ND	0.35	0.35	0.38	0.32	107	91	10-174	16	20	
Benzo(b)fluoranthene	mg/kg	ND	0.35	0.35	0.42	0.34	119	96	10-184	22	20	R1
Benzo(g,h,i)perylene	mg/kg	ND	0.35	0.35	0.32	0.26	88	74	10-170	18	20	
Benzo(k)fluoranthene	mg/kg	ND	0.35	0.35	0.34	0.29	95	80	10-183	16	20	
Chrysene	mg/kg	ND	0.35	0.35	0.34	0.30	94	83	10-147	13	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.35	0.35	0.34	0.30	95	84	10-166	13	20	
Fluoranthene	mg/kg	ND	0.35	0.35	0.38	0.33	106	91	10-158	15	20	
Fluorene	mg/kg	ND	0.35	0.35	0.35	0.34	99	95	10-142	5	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.35	0.35	0.33	0.28	92	77	11-167	17	20	
Naphthalene	mg/kg	ND	0.35	0.35	0.31	0.31	86	87	13-128	1	20	
Phenanthrene	mg/kg	ND	0.35	0.35	0.35	0.32	99	91	10-164	9	20	
Pyrene	mg/kg	ND	0.35	0.35	0.38	0.33	106	92	10-152	14	20	
2-Fluorobiphenyl (S)	%.						76	76	23-107			
p-Terphenyl-d14 (S)	%.						97	86	16-117			

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532080 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240510001, 50240510002, 50240510003, 50240510004, 50240510005, 50240510006, 50240510007, 50240510008, 50240510009

SAMPLE DUPLICATE: 2456292

Parameter	Units	50240504001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	11.2	7	5	R1

SAMPLE DUPLICATE: 2456293

Parameter	Units	50240510009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	18.3	3	5	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532252 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240705001, 50240705002, 50240705003, 50240705004, 50240705005, 50240705006, 50240705007, 50240705008

SAMPLE DUPLICATE: 2456751

Parameter	Units	50240705006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.4	19.6	1	5	

SAMPLE DUPLICATE: 2456752

Parameter	Units	50240786004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	15.9	0	5	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532267 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240705009, 50240705010, 50240705011, 50240705012, 50240705013, 50240705014, 50240705015, 50240705016

SAMPLE DUPLICATE: 2456806

Parameter	Units	50240705009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.2	24.6	6	5	R1

SAMPLE DUPLICATE: 2456807

Parameter	Units	50240705016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.5	4.7	4	5	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532450 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240870001, 50240870002, 50240870003, 50240870004, 50240870005, 50240870006

SAMPLE DUPLICATE: 2457302

Parameter	Units	50240812001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.3	19.0	2	5	

SAMPLE DUPLICATE: 2457303

Parameter	Units	50240870006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.0	23.0	9	5	R1

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 532488 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50240870007, 50240870008, 50240870009, 50240870010, 50240870012

SAMPLE DUPLICATE: 2457434

Parameter	Units	50241009008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.7	10.6	1	5	

SAMPLE DUPLICATE: 2457485

Parameter	Units	50240870010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.4	20.5	4	5	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533403 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50241137001, 50241137002, 50241137003, 50241137004, 50241255001, 50241255002, 50241255003, 50241255004, 50241255005, 50241255006, 50241255008, 50241255009, 50241255010, 50241255011, 50241255012, 50241255013, 50241255014, 50241255015, 50241346001

SAMPLE DUPLICATE: 2461696

Parameter	Units	50241255004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.5	19.6	1	5	

SAMPLE DUPLICATE: 2461697

Parameter	Units	50241255012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.4	1	5	

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QUALITY CONTROL DATA

Project: Can City Facility
Pace Project No.: 50240510

QC Batch: 533405 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50241346002, 50241346003, 50241346004, 50241346005, 50241346006, 50241346007, 50241346008, 50241346009, 50241346010, 50241346011, 50241346012, 50241346013, 50241346014

SAMPLE DUPLICATE: 2461701

Parameter	Units	50241346002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.7	19.3	2	5	

SAMPLE DUPLICATE: 2461702

Parameter	Units	50241346013 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.0	16.9	0	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Can City Facility
Pace Project No.: 50240510

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I	Pace Analytical Services - Indianapolis

ANALYTE QUALIFIERS

1d	RPD is outside control limits due to sample non-homogeneity
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.
S1	Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

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QUALIFIERS

Project: Can City Facility
Pace Project No.: 50240510

ANALYTE QUALIFIERS

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240870005	**B-15 (0-2)**	EPA 3546	532397	EPA 8082	532602
50240870006	**B-15 (6-8)**	EPA 3546	532397	EPA 8082	532602
50241137003	**B19 (2-4)**	EPA 3546	533265	EPA 8082	533401
50241137004	**B19 (6-8)**	EPA 3546	533265	EPA 8082	533401
50241255005	**B-22(0-2)**	EPA 3546	533265	EPA 8082	533401
50241255006	**B-22(8-10)**	EPA 3546	533265	EPA 8082	533401
50241255009	**DUP 4**	EPA 3546	533265	EPA 8082	533401
50241255010	**B-23(0-2)**	EPA 3546	533265	EPA 8082	533401
50241255011	**B-23(18-20)**	EPA 3546	533265	EPA 8082	533401
50241255014	**B-25(0-2)**	EPA 3546	533265	EPA 8082	533401
50241255015	**B-25(31-33)**	EPA 3546	533265	EPA 8082	533401
50241346007	**B-29 (0-2)**	EPA 3546	533265	EPA 8082	533401
50241346008	**B-29 (24-26)**	EPA 3546	533265	EPA 8082	533401
50241346009	**B-30 (0-2)**	EPA 3546	533265	EPA 8082	533401
50241346010	**B-30 (26-28)**	EPA 3546	533265	EPA 8082	533401
50241346011	**B-31 (0-2)**	EPA 3546	533265	EPA 8082	533401
50241346012	**B-31 (8-10)**	EPA 3546	533616	EPA 8082	533751
50240510001	**B-1 (0-2)**	EPA 3050	531020	EPA 6010	531739
50240510002	**B-1 (6-8)**	EPA 3050	531020	EPA 6010	531739
50240510003	**B-2 (2-4)**	EPA 3050	531020	EPA 6010	531739
50240510004	**B-2 (12-14)**	EPA 3050	531020	EPA 6010	531739
50240510005	**B-3 (0-2)**	EPA 3050	531020	EPA 6010	531739
50240510006	**B-3 (24-26)**	EPA 3050	531020	EPA 6010	531739
50240510007	**B-4 (2-4)**	EPA 3050	531020	EPA 6010	531739
50240510008	**B-4 (12-14)**	EPA 3050	531020	EPA 6010	531739
50240510009	**Dup1**	EPA 3050	531020	EPA 6010	531739
50240705001	**B-5 (0-2)**	EPA 3050	531288	EPA 6010	531551
50240705002	**B-5 (12-14)**	EPA 3050	531288	EPA 6010	531551
50240705003	**B-6 (0-2)**	EPA 3050	531288	EPA 6010	531551
50240705004	**B-6 (16-18)**	EPA 3050	531288	EPA 6010	531551
50240705005	**B-7 (4-6)**	EPA 3050	531288	EPA 6010	531551
50240705006	**B-7 (24-26)**	EPA 3050	531288	EPA 6010	531551
50240705007	**B-8 (2-4)**	EPA 3050	531288	EPA 6010	531551
50240705008	**B-8 (20-22)**	EPA 3050	531288	EPA 6010	531551
50240705009	**B-9 (2-4)**	EPA 3050	531288	EPA 6010	531551
50240705010	**B-9 (20-22)**	EPA 3050	531288	EPA 6010	531551
50240705011	**B-10 (0-2)**	EPA 3050	531288	EPA 6010	531551
50240705012	**B-10 (2-4)**	EPA 3050	531288	EPA 6010	531551
50240705013	**B-11 (0-2)**	EPA 3050	531288	EPA 6010	531551
50240705014	**B-11 (24-26)**	EPA 3050	531288	EPA 6010	531551
50240705015	**B-12 (0-2)**	EPA 3050	531288	EPA 6010	531551
50240705016	**B-12 (28-30)**	EPA 3050	531288	EPA 6010	531551
50240870001	**B-13 (0-2)**	EPA 3050	531748	EPA 6010	532251
50240870002	**B-13 (28-30)**	EPA 3050	531748	EPA 6010	532251
50240870003	**B-14 (0-2)**	EPA 3050	531748	EPA 6010	532251
50240870004	**B-14 (28-30)**	EPA 3050	531748	EPA 6010	532251

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240870005	**B-15 (0-2)**	EPA 3050	531748	EPA 6010	532251
50240870006	**B-15 (6-8)**	EPA 3050	531748	EPA 6010	532251
50240870007	**B-16 (0-2)**	EPA 3050	531748	EPA 6010	532251
50240870008	**B-16 (7-9)**	EPA 3050	531748	EPA 6010	532251
50240870009	**B-17 (8-10)**	EPA 3050	531748	EPA 6010	532251
50240870010	**B-17 (18-20)**	EPA 3050	531748	EPA 6010	532251
50240870012	**DUP 2**	EPA 3050	531748	EPA 6010	532251
50241137001	**B18 (2-4)**	EPA 3050	531865	EPA 6010	532694
50241137002	**B18 (33-35)**	EPA 3050	531865	EPA 6010	532694
50241137003	**B19 (2-4)**	EPA 3050	531865	EPA 6010	532694
50241137004	**B19 (6-8)**	EPA 3050	531865	EPA 6010	532694
50241255001	**B-20(0-2)**	EPA 3050	532412	EPA 6010	533241
50241255002	**B-20(36-38)**	EPA 3050	532412	EPA 6010	533241
50241255003	**B-21(2-4)**	EPA 3050	532412	EPA 6010	533241
50241255004	**B-21(22-24)**	EPA 3050	532412	EPA 6010	533241
50241255005	**B-22(0-2)**	EPA 3050	532412	EPA 6010	533241
50241255006	**B-22(8-10)**	EPA 3050	532412	EPA 6010	533241
50241255008	**DUP 3**	EPA 3050	532412	EPA 6010	533241
50241255009	**DUP 4**	EPA 3050	532412	EPA 6010	533241
50241255010	**B-23(0-2)**	EPA 3050	532412	EPA 6010	533241
50241255011	**B-23(18-20)**	EPA 3050	532412	EPA 6010	533241
50241255012	**B-24(0-2)**	EPA 3050	532412	EPA 6010	533241
50241255013	**B-24(24-26)**	EPA 3050	532412	EPA 6010	533241
50241255014	**B-25(0-2)**	EPA 3050	532412	EPA 6010	533241
50241255015	**B-25(31-33)**	EPA 3050	532412	EPA 6010	533241
50241346001	**B-26 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346002	**B-26 (22-24)**	EPA 3050	532846	EPA 6010	533040
50241346003	**B-27 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346004	**B-27 (18-20)**	EPA 3050	532846	EPA 6010	533040
50241346005	**B-28 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346006	**B-28 (20-22)**	EPA 3050	532846	EPA 6010	533040
50241346007	**B-29 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346008	**B-29 (24-26)**	EPA 3050	532846	EPA 6010	533040
50241346009	**B-30 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346010	**B-30 (26-28)**	EPA 3050	532846	EPA 6010	533040
50241346011	**B-31 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346012	**B-31 (8-10)**	EPA 3050	532846	EPA 6010	533040
50241346013	**B-32 (0-2)**	EPA 3050	532846	EPA 6010	533040
50241346014	**B-32 (24-26)**	EPA 3050	532846	EPA 6010	533040
50240510001	**B-1 (0-2)**	EPA 7471	531103	EPA 7471	532129
50240510002	**B-1 (6-8)**	EPA 7471	531103	EPA 7471	532129
50240510003	**B-2 (2-4)**	EPA 7471	531103	EPA 7471	532129
50240510004	**B-2 (12-14)**	EPA 7471	531103	EPA 7471	532129
50240510005	**B-3 (0-2)**	EPA 7471	531103	EPA 7471	532129
50240510006	**B-3 (24-26)**	EPA 7471	531104	EPA 7471	531757
50240510007	**B-4 (2-4)**	EPA 7471	531104	EPA 7471	531757

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240510008	**B-4 (12-14)**	EPA 7471	531104	EPA 7471	531757
50240510009	**Dup1**	EPA 7471	531104	EPA 7471	531757
50240705001	**B-5 (0-2)**	EPA 7471	531703	EPA 7471	532132
50240705002	**B-5 (12-14)**	EPA 7471	531703	EPA 7471	532132
50240705003	**B-6 (0-2)**	EPA 7471	531703	EPA 7471	532132
50240705004	**B-6 (16-18)**	EPA 7471	531703	EPA 7471	532132
50240705005	**B-7 (4-6)**	EPA 7471	531703	EPA 7471	532132
50240705006	**B-7 (24-26)**	EPA 7471	531703	EPA 7471	532132
50240705007	**B-8 (2-4)**	EPA 7471	531703	EPA 7471	532132
50240705008	**B-8 (20-22)**	EPA 7471	531703	EPA 7471	532132
50240705009	**B-9 (2-4)**	EPA 7471	531703	EPA 7471	532132
50240705010	**B-9 (20-22)**	EPA 7471	531703	EPA 7471	532132
50240705011	**B-10 (0-2)**	EPA 7471	531703	EPA 7471	532132
50240705012	**B-10 (2-4)**	EPA 7471	531703	EPA 7471	532132
50240705013	**B-11 (0-2)**	EPA 7471	531703	EPA 7471	532132
50240705014	**B-11 (24-26)**	EPA 7471	531703	EPA 7471	532132
50240705015	**B-12 (0-2)**	EPA 7471	531703	EPA 7471	532132
50240705016	**B-12 (28-30)**	EPA 7471	531703	EPA 7471	532132
50240870001	**B-13 (0-2)**	EPA 7471	532111	EPA 7471	532361
50240870002	**B-13 (28-30)**	EPA 7471	532111	EPA 7471	532361
50240870003	**B-14 (0-2)**	EPA 7471	532111	EPA 7471	532361
50240870004	**B-14 (28-30)**	EPA 7471	532111	EPA 7471	532361
50240870005	**B-15 (0-2)**	EPA 7471	532111	EPA 7471	532361
50240870006	**B-15 (6-8)**	EPA 7471	532111	EPA 7471	532361
50240870007	**B-16 (0-2)**	EPA 7471	532111	EPA 7471	532361
50240870008	**B-16 (7-9)**	EPA 7471	532111	EPA 7471	532361
50240870009	**B-17 (8-10)**	EPA 7471	532111	EPA 7471	532361
50240870010	**B-17 (18-20)**	EPA 7471	532111	EPA 7471	532361
50240870012	**DUP 2**	EPA 7471	532111	EPA 7471	532361
50241137001	**B18 (2-4)**	EPA 7471	532334	EPA 7471	532363
50241137002	**B18 (33-35)**	EPA 7471	532334	EPA 7471	532363
50241137003	**B19 (2-4)**	EPA 7471	532334	EPA 7471	532363
50241137004	**B19 (6-8)**	EPA 7471	532334	EPA 7471	532363
50241255001	**B-20(0-2)**	EPA 7471	532635	EPA 7471	532897
50241255002	**B-20(36-38)**	EPA 7471	532635	EPA 7471	532897
50241255003	**B-21(2-4)**	EPA 7471	532635	EPA 7471	532897
50241255004	**B-21(22-24)**	EPA 7471	532635	EPA 7471	532897
50241255005	**B-22(0-2)**	EPA 7471	532635	EPA 7471	532897
50241255006	**B-22(8-10)**	EPA 7471	532635	EPA 7471	532897
50241255008	**DUP 3**	EPA 7471	532635	EPA 7471	532897
50241255009	**DUP 4**	EPA 7471	532635	EPA 7471	532897
50241255010	**B-23(0-2)**	EPA 7471	532635	EPA 7471	532897
50241255011	**B-23(18-20)**	EPA 7471	532635	EPA 7471	532897
50241255012	**B-24(0-2)**	EPA 7471	532635	EPA 7471	532897
50241255013	**B-24(24-26)**	EPA 7471	532635	EPA 7471	532897
50241255014	**B-25(0-2)**	EPA 7471	532635	EPA 7471	532897
50241255015	**B-25(31-33)**	EPA 7471	532635	EPA 7471	532897

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50241346001	**B-26 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346002	**B-26 (22-24)**	EPA 7471	532888	EPA 7471	533184
50241346003	**B-27 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346004	**B-27 (18-20)**	EPA 7471	532888	EPA 7471	533184
50241346005	**B-28 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346006	**B-28 (20-22)**	EPA 7471	532888	EPA 7471	533184
50241346007	**B-29 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346008	**B-29 (24-26)**	EPA 7471	532888	EPA 7471	533184
50241346009	**B-30 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346010	**B-30 (26-28)**	EPA 7471	532888	EPA 7471	533184
50241346011	**B-31 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346012	**B-31 (8-10)**	EPA 7471	532888	EPA 7471	533184
50241346013	**B-32 (0-2)**	EPA 7471	532888	EPA 7471	533184
50241346014	**B-32 (24-26)**	EPA 7471	532888	EPA 7471	533184
50240510001	**B-1 (0-2)**	EPA 3546	531345	EPA 8270 by SIM	531511
50240510002	**B-1 (6-8)**	EPA 3546	531345	EPA 8270 by SIM	531511
50240510003	**B-2 (2-4)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510004	**B-2 (12-14)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510005	**B-3 (0-2)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510006	**B-3 (24-26)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510007	**B-4 (2-4)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510008	**B-4 (12-14)**	EPA 3546	531796	EPA 8270 by SIM	531948
50240510009	**Dup1**	EPA 3546	531796	EPA 8270 by SIM	531948
50240705001	**B-5 (0-2)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705002	**B-5 (12-14)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705003	**B-6 (0-2)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705004	**B-6 (16-18)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705005	**B-7 (4-6)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705006	**B-7 (24-26)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705007	**B-8 (2-4)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705008	**B-8 (20-22)**	EPA 3546	532182	EPA 8270 by SIM	532448
50240705009	**B-9 (2-4)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705010	**B-9 (20-22)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705011	**B-10 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705012	**B-10 (2-4)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705013	**B-11 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705014	**B-11 (24-26)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705015	**B-12 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240705016	**B-12 (28-30)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870001	**B-13 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870002	**B-13 (28-30)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870003	**B-14 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870004	**B-14 (28-30)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870005	**B-15 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870006	**B-15 (6-8)**	EPA 3546	532467	EPA 8270 by SIM	532600
50240870007	**B-16 (0-2)**	EPA 3546	532467	EPA 8270 by SIM	532600

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240870008	**B-16 (7-9)**	EPA 3546	532653	EPA 8270 by SIM	532773
50240870009	**B-17 (8-10)**	EPA 3546	533618	EPA 8270 by SIM	533748
50240870010	**B-17 (18-20)**	EPA 3546	532653	EPA 8270 by SIM	532773
50240870012	**DUP 2**	EPA 3546	532653	EPA 8270 by SIM	532773
50241137001	**B18 (2-4)**	EPA 3546	532762	EPA 8270 by SIM	532840
50241137002	**B18 (33-35)**	EPA 3546	532762	EPA 8270 by SIM	532840
50241137003	**B19 (2-4)**	EPA 3546	532762	EPA 8270 by SIM	532840
50241137004	**B19 (6-8)**	EPA 3546	532762	EPA 8270 by SIM	532840
50241255001	**B-20(0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255002	**B-20(36-38)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255003	**B-21(2-4)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255004	**B-21(22-24)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255005	**B-22(0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255006	**B-22(8-10)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255008	**DUP 3**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255009	**DUP 4**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255010	**B-23(0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255011	**B-23(18-20)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255012	**B-24(0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255013	**B-24(24-26)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255014	**B-25(0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241255015	**B-25(31-33)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346001	**B-26 (0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346002	**B-26 (22-24)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346003	**B-27 (0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346004	**B-27 (18-20)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346005	**B-28 (0-2)**	EPA 3546	533618	EPA 8270 by SIM	533748
50241346006	**B-28 (20-22)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346007	**B-29 (0-2)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346008	**B-29 (24-26)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346009	**B-30 (0-2)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346010	**B-30 (26-28)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346011	**B-31 (0-2)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346012	**B-31 (8-10)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346013	**B-32 (0-2)**	EPA 3546	533620	EPA 8270 by SIM	533883
50241346014	**B-32 (24-26)**	EPA 3546	533620	EPA 8270 by SIM	533883
50240510001	**B-1 (0-2)**	EPA 8260	532104		
50240510002	**B-1 (6-8)**	EPA 8260	532082		
50240510003	**B-2 (2-4)**	EPA 8260	532082		
50240510004	**B-2 (12-14)**	EPA 8260	532104		
50240510005	**B-3 (0-2)**	EPA 8260	532104		
50240510006	**B-3 (24-26)**	EPA 8260	532104		
50240510007	**B-4 (2-4)**	EPA 8260	532082		
50240510008	**B-4 (12-14)**	EPA 8260	532304		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240510009	Dup1	EPA 8260	532304		
50240705001	B-5 (0-2)	EPA 8260	531629		
50240705002	B-5 (12-14)	EPA 8260	531629		
50240705003	B-6 (0-2)	EPA 8260	531629		
50240705004	B-6 (16-18)	EPA 8260	531629		
50240705005	B-7 (4-6)	EPA 8260	531629		
50240705006	B-7 (24-26)	EPA 8260	531629		
50240705007	B-8 (2-4)	EPA 8260	531629		
50240705008	B-8 (20-22)	EPA 8260	531629		
50240705009	B-9 (2-4)	EPA 8260	531629		
50240705010	B-9 (20-22)	EPA 8260	531629		
50240705011	B-10 (0-2)	EPA 8260	531629		
50240705012	B-10 (2-4)	EPA 8260	531629		
50240705013	B-11 (0-2)	EPA 8260	531629		
50240705014	B-11 (24-26)	EPA 8260	531874		
50240705015	B-12 (0-2)	EPA 8260	531874		
50240705016	B-12 (28-30)	EPA 8260	531874		
50240705017	TB 1	EPA 8260	531874		
50240870001	B-13 (0-2)	EPA 8260	532317		
50240870002	B-13 (28-30)	EPA 8260	532317		
50240870003	B-14 (0-2)	EPA 8260	532317		
50240870004	B-14 (28-30)	EPA 8260	532317		
50240870005	B-15 (0-2)	EPA 8260	532317		
50240870006	B-15 (6-8)	EPA 8260	532317		
50240870007	B-16 (0-2)	EPA 8260	532317		
50240870008	B-16 (7-9)	EPA 8260	532317		
50240870009	B-17 (8-10)	EPA 8260	532317		
50240870010	B-17 (18-20)	EPA 8260	532322		
50240870011	Trip Blank 2	EPA 8260	532317		
50240870012	DUP 2	EPA 8260	532317		
50241137001	B18 (2-4)	EPA 8260	532622		
50241137002	B18 (33-35)	EPA 8260	532583		
50241137003	B19 (2-4)	EPA 8260	532622		
50241137004	B19 (6-8)	EPA 8260	532583		
50241137005	TB3	EPA 8260	532622		
50241255001	B-20(0-2)	EPA 8260	533568		
50241255002	B-20(36-38)	EPA 8260	533568		
50241255003	B-21(2-4)	EPA 8260	533568		
50241255004	B-21(22-24)	EPA 8260	533568		
50241255005	B-22(0-2)	EPA 8260	533568		
50241255006	B-22(8-10)	EPA 8260	533568		
50241255007	Trip Blank	EPA 8260	533568		
50241255008	DUP 3	EPA 8260	533568		

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Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50241255009	DUP 4	EPA 8260	533568		
50241255010	B-23(0-2)	EPA 8260	533568		
50241255011	B-23(18-20)	EPA 8260	533735		
50241255012	B-24(0-2)	EPA 8260	533761		
50241255013	B-24(24-26)	EPA 8260	533568		
50241255014	B-25(0-2)	EPA 8260	533771		
50241255015	B-25(31-33)	EPA 8260	533568		
50241346001	B-26 (0-2)	EPA 8260	533568		
50241346002	B-26 (22-24)	EPA 8260	533735		
50241346003	B-27 (0-2)	EPA 8260	533568		
50241346004	B-27 (18-20)	EPA 8260	533735		
50241346005	B-28 (0-2)	EPA 8260	533735		
50241346006	B-28 (20-22)	EPA 8260	533735		
50241346007	B-29 (0-2)	EPA 8260	533761		
50241346008	B-29 (24-26)	EPA 8260	533568		
50241346009	B-30 (0-2)	EPA 8260	533568		
50241346010	B-30 (26-28)	EPA 8260	533568		
50241346011	B-31 (0-2)	EPA 8260	533761		
50241346012	B-31 (8-10)	EPA 8260	533761		
50241346013	B-32 (0-2)	EPA 8260	533769		
50241346014	B-32 (24-26)	EPA 8260	533769		
50241346015	TB5	EPA 8260	533769		
50240510001	B-1 (0-2)	SM 2540G	532080		
50240510002	B-1 (6-8)	SM 2540G	532080		
50240510003	B-2 (2-4)	SM 2540G	532080		
50240510004	B-2 (12-14)	SM 2540G	532080		
50240510005	B-3 (0-2)	SM 2540G	532080		
50240510006	B-3 (24-26)	SM 2540G	532080		
50240510007	B-4 (2-4)	SM 2540G	532080		
50240510008	B-4 (12-14)	SM 2540G	532080		
50240510009	Dup1	SM 2540G	532080		
50240705001	B-5 (0-2)	SM 2540G	532252		
50240705002	B-5 (12-14)	SM 2540G	532252		
50240705003	B-6 (0-2)	SM 2540G	532252		
50240705004	B-6 (16-18)	SM 2540G	532252		
50240705005	B-7 (4-6)	SM 2540G	532252		
50240705006	B-7 (24-26)	SM 2540G	532252		
50240705007	B-8 (2-4)	SM 2540G	532252		
50240705008	B-8 (20-22)	SM 2540G	532252		
50240705009	B-9 (2-4)	SM 2540G	532267		
50240705010	B-9 (20-22)	SM 2540G	532267		

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Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50240705011	**B-10 (0-2)**	SM 2540G	532267		
50240705012	**B-10 (2-4)**	SM 2540G	532267		
50240705013	**B-11 (0-2)**	SM 2540G	532267		
50240705014	**B-11 (24-26)**	SM 2540G	532267		
50240705015	**B-12 (0-2)**	SM 2540G	532267		
50240705016	**B-12 (28-30)**	SM 2540G	532267		
50240870001	**B-13 (0-2)**	SM 2540G	532450		
50240870002	**B-13 (28-30)**	SM 2540G	532450		
50240870003	**B-14 (0-2)**	SM 2540G	532450		
50240870004	**B-14 (28-30)**	SM 2540G	532450		
50240870005	**B-15 (0-2)**	SM 2540G	532450		
50240870006	**B-15 (6-8)**	SM 2540G	532450		
50240870007	**B-16 (0-2)**	SM 2540G	532488		
50240870008	**B-16 (7-9)**	SM 2540G	532488		
50240870009	**B-17 (8-10)**	SM 2540G	532488		
50240870010	**B-17 (18-20)**	SM 2540G	532488		
50240870012	**DUP 2**	SM 2540G	532488		
50241137001	**B18 (2-4)**	SM 2540G	533403		
50241137002	**B18 (33-35)**	SM 2540G	533403		
50241137003	**B19 (2-4)**	SM 2540G	533403		
50241137004	**B19 (6-8)**	SM 2540G	533403		
50241255001	**B-20(0-2)**	SM 2540G	533403		
50241255002	**B-20(36-38)**	SM 2540G	533403		
50241255003	**B-21(2-4)**	SM 2540G	533403		
50241255004	**B-21(22-24)**	SM 2540G	533403		
50241255005	**B-22(0-2)**	SM 2540G	533403		
50241255006	**B-22(8-10)**	SM 2540G	533403		
50241255008	**DUP 3**	SM 2540G	533403		
50241255009	**DUP 4**	SM 2540G	533403		
50241255010	**B-23(0-2)**	SM 2540G	533403		
50241255011	**B-23(18-20)**	SM 2540G	533403		
50241255012	**B-24(0-2)**	SM 2540G	533403		
50241255013	**B-24(24-26)**	SM 2540G	533403		
50241255014	**B-25(0-2)**	SM 2540G	533403		
50241255015	**B-25(31-33)**	SM 2540G	533403		
50241346001	**B-26 (0-2)**	SM 2540G	533403		
50241346002	**B-26 (22-24)**	SM 2540G	533405		
50241346003	**B-27 (0-2)**	SM 2540G	533405		
50241346004	**B-27 (18-20)**	SM 2540G	533405		
50241346005	**B-28 (0-2)**	SM 2540G	533405		
50241346006	**B-28 (20-22)**	SM 2540G	533405		
50241346007	**B-29 (0-2)**	SM 2540G	533405		
50241346008	**B-29 (24-26)**	SM 2540G	533405		
50241346009	**B-30 (0-2)**	SM 2540G	533405		
50241346010	**B-30 (26-28)**	SM 2540G	533405		
50241346011	**B-31 (0-2)**	SM 2540G	533405		
50241346012	**B-31 (8-10)**	SM 2540G	533405		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can City Facility
Pace Project No.: 50240510

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50241346013	**B-32 (0-2)**	SM 2540G	533405		
50241346014	**B-32 (24-26)**	SM 2540G	533405		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

52405 10

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Waterking Ave D2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To: megan.foye@atcgs.com	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08P Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Megan Foye	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Level IV Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B & 7470	Lab Profile/Line
B-1 (0-2)	SL	G	11/4/19	1330				5	X	X	X	001
B-1 (6-8)				1345								002
B-2 (2-4)				1400								003
B-2 (12-14)				1413								004
B-3 (0-2)				1425								005
B-3 (24-26)				1451								006
B-4 (2-4')				1510								007
B-4 (12-14')				1520								008
DUP1				—								009
TB				1300				3				

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
Level IV. Please put all samples on a single report.

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble

Radchem sample(s) screened (<500 cpm): Y (N) NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #: 2467187

Samples received via: (FEDEX) UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: B
Cooler 1 Temp Upon Receipt: 4.7 oC
Cooler 1 Therm Corr. Factor: — oC
Cooler 1 Corrected Temp: 4.7 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
/ATC	11/1/19 @ 1600		11/1/19 @ 1600
Fed Ex	11/1/19 1830		11/1/19 0830

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Project #: 50240510

Date/Time and Initials of person examining contents: 11/5/19 0925 GB

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 1250 8111 7237

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No **Seals Intact:** ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A (B) C D E F Ice Type: ☒ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☒ N/A

Cooler Temperature: 4.7/4.7 Ice Visible in Sample Containers?: ☐ Yes ☒ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified?: ☐ Yes ☐ No ☒ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Dissolved Metals field filtered?:			✓
Chain of Custody Filled Out:	✓					
Short Hold Time Analysis (<72hr)?: Analysis: T.C.	✓		Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: 1050				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?:		✓	
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments: The three terracore vials are labeled B2 (0-2) but the COC & the 40z jars are labeled B2 (2-4)

3 TB's are on COC but not included in Cooler

Sample ID is B-2 (2-4) per Brian110519 dss

COC PAGE 1 of 2

Sample Container Count

WO# : 50240510

50240510

Sample Line Item	WGFU	SBS D BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	2	3																								S			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 52407065

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Weaketing Ave D2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To: Megan.Foye@atcgs.com	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN / County/City: Gamelton / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: [redacted] Email: [redacted]	Site/Facility ID #: 170IRPC08P / Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Megan Faye	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): [signature]	Turnaround Date Required: STANDARD Level II [X] / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Container Preservative Type ** / Lab Project Manager:

Analyses: VOCs 8260 | PAHs 8270 SIM | RCRA Metals 6010B/7470

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
B-5 (0-2)	SL	G	11/4/19	1608				5	001
B-5 (12-14)			↓	1618					002
B-6 (0-2)			11/5/19	825					003
B-6 (16-18)				845					004
B-7 (4-6)				9:03					005
B-7 (24-26)				936					006
B-8 (2-4)				955					007
B-8 (20-22)				1017					008
B-9 (2-4)				1105					009
B-9 (20-22)				1127					010

Customer Remarks / Special Conditions / Possible Hazards:
Level II.
Please put all samples from this project on single report.

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble

Radchem sample(s) screened (<500 cpm): Y (N) NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #: 2467188

Samples received via: (FEDEX) UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 0
Cooler 1 Temp Upon Receipt: 3.3 oC
Cooler 1 Therm Corr. Factor: — oC
Cooler 1 Corrected Temp: 3.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] ATC	11/5/19 1530	[signature]	11-5-19
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) FedEx	Date/Time:
Relinquished by/Company: (Signature) FedEx	Date/Time:	Received by/Company: (Signature) [signature]	Date/Time: 11/6/19 0851

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 50240705

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Weddeking Ave DR Evansville, IN 47715	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To: Megan.Faye@atcgs.com	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN / County/City: Cannelton / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email: 812 972 2425	Site/Facility ID #: 170IRPC08P / Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Megan Faye	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Level IV / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B/7470	Lab Sample # / Comments
MSMSD 1	SL	G	11/5/19	936					X	X	X	(006)
B-10 (0-2)				1158								011
B-10 (2-4)				1210								012
B-11 (0-2)				1230								013
B-11 (24-26)				1300								014
B-12 (0-2)				1352								015
B-12 (28-30)				1412								016
TB 1				800								017

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
MSMSD 1 from B-7(24-26)
Level IV. Please put all samples from this project on single Report

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble

Radchem sample(s) screened (<500 cpm): Y (N) NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #: 2467189

Samples received via: (FEDEX) UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: D
Cooler 1 Temp Upon Receipt: 3.3 oC
Cooler 1 Therm Corr. Factor: — oC
Cooler 1 Corrected Temp: 3.3 oC
Comments:

Relinquished by/Company: (Signature) ATC	Date/Time: 11/5/19/1530	Received by/Company: (Signature)	Date/Time: 11-5-19
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 11/6/19 0850

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Project #: 50240705

Date/Time and Initials of person examining contents: 11/6/19 1005 EB

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 1250 8111 7215

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No Seals Intact: ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A B C D E F Ice Type: ☐ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☒ N/A

Cooler Temperature: 3.3/3.3 Ice Visible in Sample Containers?: ☐ Yes ☒ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified?: ☐ Yes ☐ No ☒ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			✓
USDA Regulated Soils? (ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Dissolved Metals field filtered?:			✓
Chain of Custody Filled Out:	✓					
Short Hold Time Analysis (<72hr)?: Analysis: T.C	✓		Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: 1025				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			
Containers Intact?:	✓		Trip Blank Present?:		✓	
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments:

COC PAGE 1 of 2

Sample Container Count

Sample Line Item	WGFU	SBS (DI, BK) Kit (R)	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	2	3																								SC			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

SBS (DI) (BK) Kit

Sample Line Item	WGFU	R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	2	3																								SL			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50240870

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Weideking Ave D2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08P Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Megan Foye	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Level IV Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: VOCs 8260 | PAHs 8270 SIM | RCRA Metals 6010B/7470 | PCB's 8082 (NOT)

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments: SEE SCUR

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample #
B-13 (0-2)	SL	G	11/5/19	1530				5	001
B-13 (28-30)				1545					002
B-14 (0-2)				1610					003
B-14 (28-30)				1625					004
B-15 (0-2)			11/6/19	813				6	005
B-15 (6-8)				825				6	006
B-16 (0-2)				900				5	007
B-16 (7-9)				910					008
B-17 (8-10)				1120					009
B-17 (18-20)				1150					010

Customer Remarks / Special Conditions / Possible Hazards: Level IV. Please put all Samples on Single report

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2466966

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: C
Cooler 1 Temp Upon Receipt: 0.0 oC 0.5
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.1 oC 0.5
Comments:

Relinquished by/Company: (Signature) /ATC	Date/Time: 11/6/19 17:40	Received by/Company: (Signature) FedEx	Date/Time: 11/6/19 1740
Relinquished by/Company: (Signature) FedEx	Date/Time:	Received by/Company: (Signature)	Date/Time: 11/7/19 08:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2256591

Section A Required Client Information:

Company: ATC
Address: 6149 Waterking Ave DD Evansville, IN 47715
Email To: Brian.Kleeman@atcgs.com
Phone: Fax:
Requested Due Date/TAT: STANDARD Level IV

Section B Required Project Information:

Report To: Brian Kleeman
Copy To:
Purchase Order No.:
Project Name: Can Clay Facility
Project Number: 170IRPC08P

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B + 7074	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TRIP BLANK 2 (TB 2)	SL	G	11/6/19	730				3							X			X	X	X		011
2	MSMSD 2	↓	↓	↓	1150				10	X						↓			↓	↓	↓		~~012~~ 010
3	DUP 2	↓	↓	↓	—				5	↓						↓			↓	↓	↓		~~013~~ 012
4																							dss 111419
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
MSMSD 2 from B-17 (1820)	Megan Feye / ATC	11/6/19	1740	FedEx	11/6/19	1740				
Level IV.	FedEx				11/7/19	0850	0.1	Y	Y	Y
Please put all samples on a single report.										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Feye

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 11/6/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50240870

Date/Time and Initials of person examining contents: ZL 11/7/19 09:22

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 1250 8111 7204

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A B (C) D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 0.1/0.1, 0.5/0.5 Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.			✓
USDA Regulated Soils? (ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			
Chain of Custody Filled Out:	✓		Dissolved Metals field filtered?:			✓
Short Hold Time Analysis (<72hr)?: **Analysis:** TC	✓		Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: 09:42				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
			Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?	✓		
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials (soils only)?		✓				

Comments: No collection time/date on sample containers, IDs match COC ZL 11/7/19

COC PAGE 1 of 2

Sample Container Count

Sample Line Item	WGFU	SBS Kit R	DG9H VG9H	VOA VIALS (>5mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	Matrix	pH <2	pH >9	pH>12
1	2	3																				SL			
2																									
3																									
4																									
5	3																								
6	3																								
7	2																								
8																									
9																									
10	6	9		MS/MSD																					
11																									
12																									

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

WO# : 50240870

50240870

Sample Line Item	WGFU	SBS (DI) (BK) Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1		3																								S			
2																													
3	2	3																								S			
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass	
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass	
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass	
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass	
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass	
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass	
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass	
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass	
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass	
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass	

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2256592

Section A Required Client Information:

Company: ATC
Address: 6149 Weddeking Ave D2
Evansville, IN 47720
Email To: Brian.Kleeman@atcgs.com
Phone: Fax:
Requested Due Date/TAT: STANDARD Level IV

Section B Required Project Information:

Report To: Brian Kleeman
Copy To:
Purchase Order No.:
Project Name: Can Clay Facility
Project Number:

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Di water	Analysis Test Y/N	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B & 7470	PAHs 8082	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 50241137
1	B-18 (2-4)	SL	G	11/7/19	1020					X						X	X		X	X	X				001
2	B-18 (33-35)				1055																				002
3	B-19 (2-4)				1255																		X		003
4	B-19 (6-8)				1420																				004
5	TB 3				900																				005
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Level IV. Please put all samples on Single Report	ATC	11/7/19	1500	ATC	11/7/19	1445				
	ATC	11/7/19	1500		11/7/19	1500				
		11/8/19	845		11/8/19	845	0.5	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Faye

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 11/7/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50241137

Date/Time and Initials of person examining contents: CWG 11/8/19 1055

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 125083117167

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 (A) B C D E F Ice Type ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 0.3/0.5 Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted			
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			✓
Chain of Custody Filled Out:	✓		Dissolved Metals field filtered?:			✓
Short Hold Time Analysis (<72hr)? **Analysis:** TC	✓		Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: 1115				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
			Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?:		✓	
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments:

COC PAGE 1 of 1

Sample Container Count

WO# : 50241137

50241137

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1	2	3																								SL			
2	1																												
3	3																												
4	1																												
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50241255

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: Same
Address: 6149 Weddeking Ave D2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08P Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Megan Faye	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Level IV Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B/7470	PCBs 8082	Lab Sample # / Comments
B-20 (0-2)	SL	G	11/7/19	1500	11/7/19			5	X	X	X		001
B-20 (36-38)			11/7/19	1600									002
B-21 (2-4)			11/8/19	750									003
B-21 (22-24)				855									004
B-22 (0-2)				941								X	005
B-22 (8-10)				1004								X	006
TRIP BLANK				730				3					007
DUP 3								5					008
DUP 4								5				X	009
MSMSD3			11/8/19	855				12					004 dss 111119

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:

Lab Sample # / Comments: See Scr

Customer Remarks / Special Conditions / Possible Hazards: Level IV. Please put all samples on single report. MSMSD3 from B-21 (22-24)

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2467190

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 3

Cooler 1 Temp Upon Receipt: 3.7 oC 3.8

Cooler 1 Therm Corr. Factor: 0.1 oC

Cooler 1 Corrected Temp: 3.8 oC 3.9

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
/ATC	11/8/19 1800	FedEx	11/8/19 1800
FedEx	11-9-19 900		11-9-19 900

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2256593

Section A Required Client Information:

Company:	ATC
Address:	6149 Wedeking Ave D2
	Evansville, IN 47715
Email To:	Brian.Kleeman@atcgs.com
Phone:	Fax:
Requested Due Date/TAT:	STANDARD Level IV

Section B Required Project Information:

Report To:	Brian Kleeman
Copy To:	
Purchase Order No.:	
Project Name:	Can Clay Facility
Project Number:	170IRPC08P

Section C Invoice Information:

Attention:	
Company Name:	Same
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

Level IV

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other DI water	Analysis Test Y/N	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B + 7470	PCBs 8082	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 50241255
1	B-23 (0-2')	SL	G	11/8/19	1016				5	X						X	X		X	X	X	X			010
2	B-23 (18-20')				1120				5													X			011
3	B-24 (0-2)				1230				5																012
4	B-24 (24-26)				1255				5																013
5	MSMSD 4				1230				5																012
6	B-25 (0-2)				1426				5														X		014
7	B-25 (31-33)				1446				5														X		015
8																									dss 111119
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Level IV. Please put all	ATC	11/8/19	1500	FedEx	11/8/19	1800				
Samples on Single Report.	FedEx	11-9-19	900	FedEx	11-9-19	900	2.8 3.9	Y	Y	N
MSMSD 4 from B-24 (0-2)										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Foye

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 11/8/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50241255

Date/Time and Initials of person examining contents: KS 11-9-19 1035

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 1250 8111 7178

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A B C D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 2.7 | 2.8, 3.7 | 3.8 Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Dissolved Metals field filtered?:			✓
Chain of Custody Filled Out:	✓		Headspace Wisconsin Sulfide			✓
Short Hold Time Analysis (<72hr)?: **Analysis:**	✓			Present	Absent	N/A
Time 5035A TC placed in Freezer or Short Holds To Lab: TC 1045			Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓ ✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	Xss ✓		Trip Blank Present?:	✓		
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials (soils only)?						

Comments: 1/3 TB samples arrived broken
Samples missing date/time

COC PAGE 1 of 2

Sample Container Count

SBS (DI) (BK) Kit

Sample Line Item	WGFU	R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	WGKU	Matrix	pH <2	pH >9	pH>12
1	2	3																					SL			
2	2																									
3	2																									
4	2																									
5	3																									
6	1																					1				
7		2																								
8	2	3																								
9	3																									
10	4	6	MS/MSD for B-21 (22-24)																							
11																										
12																										

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

WO# : 50241255

50241255

SBS (DI) BK Kit

Sample Line Item	WGFU	R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	WGKU	Matrix	pH <2	pH >9	pH>12
1	1	3																				1	SL			
2	1	3																				1				
3		3																				1				
4		3																				1				
5		6	MS/MSD FOR B-24(0-2)																			2				
6	1	3																				1				
7	1	3																				1				
8																										
9																										
10																										
11																										
12																										

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

2256594

Section A Required Client Information:

Company: ATC
Address: 6149 Wedeking Ave DR
Evansville, IN 47715
Email To:
Phone: Fax:
Requested Due Date/TAT: STANDARD Level IV

Section B Required Project Information:

Report To: Brian.Kleeman@atcgs.com
Copy To:
Purchase Order No.:
Project Name: Can Clay Facility
Project Number: MDIRPCOSP

Section C Invoice Information:

Attention:
Company Name:
Address: Same
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Level IV

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B 7470	PCBs 8082	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-26 (0-2)	SL	G	11/11/19	930				5	X						X	DI H2O		X	X	X	X		5J241346 001
2	B-26 (22-24')				1015																			002
3	B-27 (0-2)				1040																			003
4	B-27 (18-20')				1120																			004
5	B-28 (0-2)				1156																			005
6	B-28 (20-22)				1230																			006
7	B-29 (0-2)				1300																			007
8	B-29 (24-26)				1330																			008
9	B-30 (0-2)				1400																			009
10	B-30 (26-28)				1437																			010
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Seals Cooler (Y/N)	Samples Intact (Y/N)
Level IV	ATC	11/11/19	1900	FedEx	11/11/19	1900				
	FedEx	11/12/19	0920	Marcia Bennett	11/12/19	1020	3.2C	Y	N	Y
							3.2C			

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Foye
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/11/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

2256595

Section A Required Client Information:

Company: ATC
Address: 6149 Wedekind Ave Evansville IN 47715
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Brian.Kleeman@atcgs.com
Copy To:
Purchase Order No.:
Project Name: Can Clay Facility
Project Number: 170IRPC 08A

Section C Invoice Information:

Attention:
Company Name:
Address: Same
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Level IV

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260	PAHs 8270SIM	RCRA Metals 6010B/7470	PCBs 8082	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-31 (0-2)	SL	G	11/11/19	1501				6	X						X	DI H2O	X	X	X	X	X		50241346
2	B-31 (8-10)				1534				6															012
3	B-32 (8-10)				1600				5															013
4	B-32 (24-26)				1640				5															014
5	TB 4				8:50				3															015
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Level IV	ATC	11/11/19	1900	FedEx	11/11/19	1900				
	FedEx	11/12/19	1020	Marcia Bennett	11/12/19	1020	See Pg1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Foye
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 11/11/19

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: _____

Date/Time and Initials of person examining contents: MB 11/12/19 10:50

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 7808 9953 3341 7440

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals Intact: ☐ Yes ☑ No

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 (2) 3 4 5 6 A B C D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 2.4°C / 3.2°C, 2.4°C / 3.2°C Ice Visible in Sample Containers?: ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified?: ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.			✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Circle: HNO3 H2SO4 NaOH NaOH/ZnAc			
Chain of Custody Filled Out:	✓		Dissolved Metals field filtered?:			✓
Short Hold Time Analysis (<72hr)?: TC **Analysis:**	✓		Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab: 12:05				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?:	✓		
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials (soils only)?		✓				

Comments: no date or time on jars, recv TB-5 (TB-4) not recv MB 11/12/19

COC PAGE 1 of 2

Sample Container Count

SBS / DI / BK / Kit

Sample Line Item	WGFU	R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	WGKU				Matrix	pH <2	pH >9	pH>12
1		3																				1				SL			
2		↓																				↓				↓			
3																													
4																													
5																													
6																													
7	3																					3							
8	↓																					↓							
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

WO#: 50241346

50241346

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	WGKU				Matrix	pH <2	pH >9	pH>12
1		3																				1				SL			
2		↓																				↓				↓			
3	2	↓																								↓			
4	↓	↓																								↓			
5																													
6		3	TB-5																							SL			
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

F-IN-Q-270 rev 11 26Sep2019

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

December 12, 2019

Mr. Brian Kleeman
ATC Group Services
6149 Wedeking Avenue, Bldg D
Suite 2
Evansville, IN 47715

RE: Project: Can Clay Facility
Pace Project No.: 50242688

Dear Mr. Kleeman:

Enclosed are the analytical results for sample(s) received by the laboratory between November 23, 2019 and December 06, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna S. Spyker

Donna Spyker
donna.spyker@pacelabs.com
(317)228-3100
Project Manager

Enclosures

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Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

CERTIFICATIONS

Project:	Can Clay Facility
Pace Project No.:	50242688

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050
Ohio VAP Certification #: CL0065
Oklahoma Certification #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-19-00257

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SAMPLE SUMMARY

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50242688001	**B-1**	Water	11/19/19 10:00	11/23/19 09:20
50242688002	**B-3**	Water	11/20/19 11:55	11/23/19 09:20
50242688003	**B-12**	Water	11/21/19 14:40	11/23/19 09:20
50242688004	**B-16**	Water	11/22/19 10:55	11/23/19 09:20
50242688005	**B-17**	Water	11/21/19 12:30	11/23/19 09:20
50242688006	**B-18**	Water	11/21/19 08:55	11/23/19 09:20
50242688007	**B-19**	Water	11/21/19 10:10	11/23/19 09:20
50242688008	**B-20**	Water	11/20/19 13:30	11/23/19 09:20
50242688009	**B-21**	Water	11/20/19 14:50	11/23/19 09:20
50242688010	**B-22**	Water	11/22/19 16:00	11/23/19 09:20
50242688011	**B-23**	Water	11/22/19 13:00	11/23/19 09:20
50242688012	**TRIP BLANK5**	Water	11/19/19 09:30	11/23/19 09:20
50242688013	**DUP 5**	Water	11/19/19 08:00	11/23/19 09:20
50242967001	**B-8**	Water	11/25/19 11:40	11/27/19 09:00
50242967002	**B-10**	Water	11/25/19 13:45	11/27/19 09:00
50242967003	**B-13**	Water	11/25/19 10:10	11/27/19 09:00
50242967004	**B-27**	Water	11/25/19 16:30	11/27/19 09:00
50242967005	**B-28**	Water	11/25/19 17:30	11/27/19 09:00
50242967006	**DUP 6**	Water	11/25/19 08:00	11/27/19 09:00
50242967007	**B-29**	Water	11/26/19 10:25	11/27/19 09:00
50242967008	**B-30**	Water	11/26/19 11:50	11/27/19 09:00
50242967009	**B-31**	Water	11/26/19 13:25	11/27/19 09:00
50242967010	**B-24**	Water	11/26/19 16:55	11/27/19 09:00
50242967011	**B-25**	Water	11/26/19 15:45	11/27/19 09:00
50243727001	**B-2**	Water	12/02/19 15:00	12/06/19 09:00
50243727002	**B-11**	Water	12/02/19 15:30	12/06/19 09:00

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50242688001	**B-1**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688002	**B-3**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688003	**B-12**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688004	**B-16**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688005	**B-17**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688006	**B-18**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688007	**B-19**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688008	**B-20**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688009	**B-21**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688010	**B-22**	EPA 6010	RAM	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688011	**B-23**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242688012	**TRIP BLANK5**	EPA 8260	LKC	72	PASI-I
50242688013	**DUP 5**	EPA 6010	RAM	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	LKC	72	PASI-I
50242967001	**B-8**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967002	**B-10**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967003	**B-13**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967004	**B-27**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967005	**B-28**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967006	**DUP 6**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967007	**B-29**	EPA 6010	KJE	7	PASI-I

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967008	**B-30**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967009	**B-31**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967010	**B-24**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50242967011	**B-25**	EPA 6010	KJE	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50243727001	**B-2**	EPA 6010	JPK	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	RSW	72	PASI-I
50243727002	**B-11**	EPA 6010	JPK	7	PASI-I
		EPA 7470	LBT	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	RSW	72	PASI-I

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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50242688

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50242688001	**B-1**					
EPA 6010	Arsenic	22.7	ug/L	10.0	11/26/19 13:03	
EPA 6010	Barium	123	ug/L	10.0	11/26/19 13:03	
EPA 6010	Chromium	13.6	ug/L	10.0	11/26/19 13:03	
50242688002	**B-3**					
EPA 6010	Barium	36.8	ug/L	10.0	11/26/19 13:05	
50242688003	**B-12**					
EPA 6010	Barium	42.2	ug/L	10.0	11/26/19 13:07	
50242688004	**B-16**					
EPA 6010	Arsenic	14.9	ug/L	10.0	11/26/19 13:21	
EPA 6010	Barium	82.6	ug/L	10.0	11/26/19 13:21	
EPA 6010	Chromium	18.7	ug/L	10.0	11/26/19 13:21	
EPA 6010	Lead	19.8	ug/L	10.0	11/26/19 13:21	
50242688005	**B-17**					
EPA 6010	Arsenic	17.4	ug/L	10.0	11/26/19 13:32	
EPA 6010	Barium	173	ug/L	10.0	11/26/19 13:32	
EPA 6010	Chromium	49.8	ug/L	10.0	11/26/19 13:32	
EPA 6010	Lead	24.3	ug/L	10.0	11/26/19 13:32	
50242688006	**B-18**					
EPA 6010	Arsenic	10.4	ug/L	10.0	11/26/19 13:34	
EPA 6010	Barium	2250	ug/L	10.0	11/26/19 13:34	
EPA 6010	Chromium	21.1	ug/L	10.0	11/26/19 13:34	
EPA 8270 by SIM 40E	Acenaphthene	1.8	ug/L	1.0	11/25/19 22:19	
EPA 8270 by SIM 40E	Fluorene	1.3	ug/L	1.0	11/25/19 22:19	
50242688007	**B-19**					
EPA 6010	Barium	118	ug/L	10.0	11/26/19 13:41	
EPA 6010	Chromium	23.4	ug/L	10.0	11/26/19 13:41	
50242688008	**B-20**					
EPA 6010	Arsenic	14.2	ug/L	10.0	11/26/19 13:43	
EPA 6010	Barium	163	ug/L	10.0	11/26/19 13:43	
EPA 6010	Chromium	27.2	ug/L	10.0	11/26/19 13:43	
EPA 6010	Lead	19.5	ug/L	10.0	11/26/19 13:43	
50242688009	**B-21**					
EPA 6010	Barium	24.9	ug/L	10.0	11/26/19 13:45	
50242688010	**B-22**					
EPA 6010	Arsenic	90.0	ug/L	10.0	11/26/19 13:48	
EPA 6010	Barium	426	ug/L	10.0	11/26/19 13:48	
EPA 6010	Cadmium	4.5	ug/L	2.0	11/26/19 13:48	
EPA 6010	Chromium	104	ug/L	10.0	11/26/19 13:48	
EPA 6010	Lead	76.4	ug/L	10.0	11/26/19 13:48	
50242688011	**B-23**					
EPA 6010	Arsenic	77.3	ug/L	10.0	11/26/19 13:50	

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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50242688

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50242688011	**B-23**					
EPA 6010	Barium	318	ug/L	10.0	11/26/19 13:50	
EPA 8270 by SIM 40E	Acenaphthene	1.4	ug/L	1.0	11/26/19 22:05	BM
EPA 8270 by SIM 40E	Fluorene	3.4	ug/L	1.0	11/26/19 22:05	BM
EPA 8270 by SIM 40E	1-Methylnaphthalene	76.5	ug/L	1.0	11/26/19 22:05	BM
EPA 8270 by SIM 40E	2-Methylnaphthalene	85.6	ug/L	1.0	11/26/19 22:05	BM
EPA 8270 by SIM 40E	Naphthalene	219	ug/L	1.0	11/26/19 22:05	BM
EPA 8270 by SIM 40E	Phenanthrene	4.5	ug/L	1.0	11/26/19 22:05	BM
EPA 8260	n-Butylbenzene	7.5	ug/L	5.0	12/02/19 14:11	
EPA 8260	sec-Butylbenzene	5.6	ug/L	5.0	12/02/19 14:11	
EPA 8260	Ethylbenzene	49.4	ug/L	5.0	12/02/19 14:11	
EPA 8260	Isopropylbenzene (Cumene)	13.0	ug/L	5.0	12/02/19 14:11	
EPA 8260	p-Isopropyltoluene	6.5	ug/L	5.0	12/02/19 14:11	
EPA 8260	n-Propylbenzene	13.5	ug/L	5.0	12/02/19 14:11	
EPA 8260	Toluene	6.2	ug/L	5.0	12/02/19 14:11	
EPA 8260	1,2,4-Trimethylbenzene	36.8	ug/L	5.0	12/02/19 14:11	
EPA 8260	Xylene (Total)	62.7	ug/L	10.0	12/02/19 14:11	
50242688013	**DUP 5**					
EPA 6010	Barium	28.4	ug/L	10.0	11/26/19 13:52	
50242967001	**B-8**					
EPA 6010	Barium	91.8	ug/L	10.0	12/04/19 13:23	
50242967002	**B-10**					
EPA 6010	Barium	174	ug/L	10.0	12/04/19 13:25	
EPA 6010	Chromium	24.9	ug/L	10.0	12/04/19 13:25	
50242967003	**B-13**					
EPA 6010	Arsenic	63.6	ug/L	10.0	12/04/19 13:27	
EPA 6010	Barium	1160	ug/L	10.0	12/04/19 13:27	
EPA 6010	Chromium	159	ug/L	10.0	12/04/19 13:27	
EPA 6010	Lead	41.8	ug/L	10.0	12/04/19 13:27	
50242967004	**B-27**					
EPA 6010	Arsenic	81.4	ug/L	10.0	12/04/19 13:30	
EPA 6010	Barium	509	ug/L	10.0	12/04/19 13:30	
EPA 6010	Chromium	70.0	ug/L	10.0	12/04/19 13:30	
EPA 6010	Lead	31.8	ug/L	10.0	12/04/19 13:30	
50242967005	**B-28**					
EPA 6010	Arsenic	45.0	ug/L	10.0	12/04/19 13:32	
EPA 6010	Barium	703	ug/L	10.0	12/04/19 13:32	
EPA 6010	Chromium	88.4	ug/L	10.0	12/04/19 13:32	
EPA 6010	Lead	35.8	ug/L	10.0	12/04/19 13:32	
50242967006	**DUP 6**					
EPA 6010	Barium	100	ug/L	10.0	12/04/19 13:38	
50242967007	**B-29**					
EPA 6010	Barium	42.4	ug/L	10.0	12/04/19 13:41	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50242688

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50242967008	**B-30**					
EPA 6010	Barium	56.0	ug/L	10.0	12/04/19 13:51	
EPA 6010	Chromium	66.0	ug/L	10.0	12/04/19 13:51	
50242967009	**B-31**					
EPA 6010	Arsenic	236	ug/L	10.0	12/04/19 13:53	
EPA 6010	Barium	674	ug/L	10.0	12/04/19 13:53	
EPA 6010	Cadmium	4.0	ug/L	2.0	12/04/19 13:53	
EPA 6010	Chromium	201	ug/L	10.0	12/04/19 13:53	
EPA 6010	Lead	212	ug/L	10.0	12/04/19 13:53	
50242967010	**B-24**					
EPA 6010	Arsenic	23.5	ug/L	10.0	12/04/19 13:55	
EPA 6010	Barium	383	ug/L	10.0	12/04/19 13:55	
EPA 6010	Chromium	70.1	ug/L	10.0	12/04/19 13:55	
EPA 6010	Lead	18.0	ug/L	10.0	12/04/19 13:55	
50242967011	**B-25**					
EPA 6010	Arsenic	28.1	ug/L	10.0	12/04/19 13:57	
EPA 6010	Barium	484	ug/L	10.0	12/04/19 13:57	
EPA 6010	Chromium	53.7	ug/L	10.0	12/04/19 13:57	
EPA 6010	Lead	23.6	ug/L	10.0	12/04/19 13:57	
50243727001	**B-2**					
EPA 6010	Barium	103	ug/L	10.0	12/10/19 04:55	
EPA 6010	Chromium	18.6	ug/L	10.0	12/10/19 04:55	
EPA 6010	Lead	11.9	ug/L	10.0	12/10/19 04:55	
50243727002	**B-11**					
EPA 6010	Barium	147	ug/L	10.0	12/10/19 05:04	
EPA 6010	Chromium	13.0	ug/L	10.0	12/10/19 05:04	
EPA 6010	Lead	19.5	ug/L	10.0	12/10/19 05:04	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-1 **Lab ID: 50242688001** Collected: 11/19/19 10:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**22.7**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7440-38-2	
Barium	**123**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:03	7440-43-9	
Chromium	**13.6**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:03	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:25	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/24/19 14:50	11/25/19 18:19	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:19	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	91-20-3	BM,L2
Phenanthrene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:19	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	68	%.	55-118	1	11/24/19 14:50	11/25/19 18:19	321-60-8	BM
p-Terphenyl-d14 (S)	104	%.	56-128	1	11/24/19 14:50	11/25/19 18:19	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 05:43	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 05:43	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 05:43	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 05:43	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 05:43	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 05:43	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 05:43	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 05:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 05:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 05:43	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	104-51-8	L2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-1 **Lab ID: 50242688001** Collected: 11/19/19 10:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 05:43	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 05:43	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 05:43	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 05:43	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 05:43	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 05:43	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 05:43	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 05:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 05:43	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 05:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 05:43	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 05:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 05:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 05:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 05:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 05:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 05:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 05:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 05:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 05:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 05:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 05:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 05:43	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 05:43	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 05:43	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 05:43	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 05:43	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 05:43	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 05:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 05:43	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 05:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 05:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 05:43	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 05:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 05:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 05:43	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 05:43	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 05:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	87-61-6	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-1 **Lab ID: 50242688001** Collected: 11/19/19 10:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 05:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 05:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 05:43	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 05:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 05:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 05:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 05:43	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 05:43	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 05:43	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 05:43	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	80-122	1		11/28/19 05:43	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		11/28/19 05:43	460-00-4	
Toluene-d8 (S)	91	%.	85-114	1		11/28/19 05:43	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-3 **Lab ID: 50242688002** Collected: 11/20/19 11:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7440-38-2	
Barium	**36.8**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:05	7440-43-9	
Chromium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:28	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 21:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:14	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	55-118	1	11/25/19 14:00	11/25/19 21:14	321-60-8	
p-Terphenyl-d14 (S)	105	%.	56-128	1	11/25/19 14:00	11/25/19 21:14	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 06:17	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 06:17	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 06:17	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 06:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 06:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 06:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 06:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 06:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 06:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 06:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	104-51-8	L2

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-3 **Lab ID: 50242688002** Collected: 11/20/19 11:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 06:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 06:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 06:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 06:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 06:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 06:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 06:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 06:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 06:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 06:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 06:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 06:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 06:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 06:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 06:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 06:17	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 06:17	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 06:17	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 06:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 06:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 06:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 06:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 06:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 06:17	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 06:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 06:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 06:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 06:17	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 06:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-3 **Lab ID: 50242688002** Collected: 11/20/19 11:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 06:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 06:17	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 06:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 06:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 06:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 06:17	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 06:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 06:17	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 06:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	80-122	1		11/28/19 06:17	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		11/28/19 06:17	460-00-4	
Toluene-d8 (S)	91	%.	85-114	1		11/28/19 06:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-12 **Lab ID: 50242688003** Collected: 11/21/19 14:40 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7440-38-2	
Barium	**42.2**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:07	7440-43-9	
Chromium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:07	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:34	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 21:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	91	%.	55-118	1	11/25/19 14:00	11/25/19 21:25	321-60-8	
p-Terphenyl-d14 (S)	106	%.	56-128	1	11/25/19 14:00	11/25/19 21:25	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 06:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 06:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 06:51	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 06:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 06:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 06:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 06:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 06:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 06:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 06:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	104-51-8	L2

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-12 **Lab ID: 50242688003** Collected: 11/21/19 14:40 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 06:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 06:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 06:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 06:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 06:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 06:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 06:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 06:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 06:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 06:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 06:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 06:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 06:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 06:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 06:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 06:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 06:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 06:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 06:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 06:51	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 06:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 06:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 06:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 06:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 06:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 06:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 06:51	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 06:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 06:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 06:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 06:51	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 06:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-12 **Lab ID: 50242688003** Collected: 11/21/19 14:40 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 06:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 06:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 06:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 06:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 06:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 06:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 06:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 06:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 06:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 06:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		11/28/19 06:51	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		11/28/19 06:51	460-00-4	
Toluene-d8 (S)	91	%.	85-114	1		11/28/19 06:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-16 **Lab ID: 50242688004** Collected: 11/22/19 10:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**14.9**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7440-38-2	
Barium	**82.6**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:21	7440-43-9	
Chromium	**18.7**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7440-47-3	
Lead	**19.8**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:21	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:36	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 21:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 21:36	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 21:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	86	%.	55-118	1	11/25/19 14:00	11/25/19 21:36	321-60-8	
p-Terphenyl-d14 (S)	106	%.	56-128	1	11/25/19 14:00	11/25/19 21:36	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 12:14	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 12:14	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 12:14	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 12:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 12:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 12:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 12:14	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 12:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 12:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 12:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-16 **Lab ID: 50242688004** Collected: 11/22/19 10:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 12:14	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 12:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 12:14	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 12:14	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 12:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 12:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 12:14	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 12:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 12:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 12:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 12:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 12:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 12:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 12:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 12:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 12:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 12:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 12:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 12:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 12:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 12:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 12:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 12:14	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 12:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 12:14	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 12:14	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 12:14	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 12:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/02/19 12:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/02/19 12:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 12:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 12:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 12:14	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 12:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 12:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 12:14	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 12:14	127-18-4	
Toluene	ND	ug/L	5.0	1		12/02/19 12:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-16 **Lab ID: 50242688004** Collected: 11/22/19 10:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 12:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 12:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 12:14	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 12:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 12:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 12:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 12:14	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 12:14	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 12:14	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/02/19 12:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	80-122	1		12/02/19 12:14	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	85-114	1		12/02/19 12:14	460-00-4	
Toluene-d8 (S)	91	%.	85-114	1		12/02/19 12:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-17 **Lab ID: 50242688005** Collected: 11/21/19 12:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**17.4**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7440-38-2	
Barium	**173**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:32	7440-43-9	
Chromium	**49.8**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7440-47-3	
Lead	**24.3**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:42	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 22:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:08	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:08	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	55-118	1	11/25/19 14:00	11/25/19 22:08	321-60-8	
p-Terphenyl-d14 (S)	101	%.	56-128	1	11/25/19 14:00	11/25/19 22:08	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 07:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 07:24	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 07:24	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 07:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 07:24	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 07:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 07:24	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 07:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 07:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 07:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	104-51-8	L2

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-17 **Lab ID: 50242688005** Collected: 11/21/19 12:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 07:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 07:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 07:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 07:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 07:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 07:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 07:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 07:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 07:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 07:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 07:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 07:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 07:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 07:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 07:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 07:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 07:24	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 07:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 07:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 07:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 07:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 07:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 07:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 07:24	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 07:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 07:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 07:24	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 07:24	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 07:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-17 **Lab ID: 50242688005** Collected: 11/21/19 12:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 07:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 07:24	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 07:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 07:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 07:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 07:24	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 07:24	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 07:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 07:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	80-122	1		11/28/19 07:24	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-114	1		11/28/19 07:24	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		11/28/19 07:24	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-18 **Lab ID: 50242688006** Collected: 11/21/19 08:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**10.4**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7440-38-2	
Barium	**2250**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:34	7440-43-9	
Chromium	**21.1**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:34	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:44	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	**1.8**	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 22:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	206-44-0	
Fluorene	**1.3**	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:19	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:19	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	55-118	1	11/25/19 14:00	11/25/19 22:19	321-60-8	
p-Terphenyl-d14 (S)	102	%.	56-128	1	11/25/19 14:00	11/25/19 22:19	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 07:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 07:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 07:58	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 07:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 07:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 07:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 07:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 07:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 07:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 07:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	104-51-8	L2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-18 **Lab ID: 50242688006** Collected: 11/21/19 08:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 07:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 07:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 07:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 07:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 07:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 07:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 07:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 07:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 07:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 07:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 07:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 07:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 07:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 07:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 07:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 07:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 07:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 07:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 07:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 07:58	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 07:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 07:58	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 07:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 07:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 07:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 07:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 07:58	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 07:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 07:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 07:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 07:58	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 07:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-18 **Lab ID: 50242688006** Collected: 11/21/19 08:55 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 07:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 07:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 07:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 07:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 07:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 07:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 07:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 07:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 07:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 07:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		11/28/19 07:58	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-114	1		11/28/19 07:58	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		11/28/19 07:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-19 **Lab ID: 50242688007** Collected: 11/21/19 10:10 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7440-38-2	
Barium	**118**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:41	7440-43-9	
Chromium	**23.4**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:41	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:47	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 22:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:30	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	55-118	1	11/25/19 14:00	11/25/19 22:30	321-60-8	
p-Terphenyl-d14 (S)	105	%.	56-128	1	11/25/19 14:00	11/25/19 22:30	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 09:05	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 09:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 09:05	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 09:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 09:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 09:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 09:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 09:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 09:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 09:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	104-51-8	L2

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-19 **Lab ID: 50242688007** Collected: 11/21/19 10:10 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 09:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 09:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 09:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 09:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 09:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 09:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 09:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 09:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 09:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 09:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 09:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 09:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 09:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 09:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 09:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 09:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 09:05	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 09:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 09:05	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 09:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 09:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 09:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 09:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 09:05	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 09:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 09:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 09:05	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 09:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	87-61-6	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-19 **Lab ID: 50242688007** Collected: 11/21/19 10:10 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 09:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 09:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 09:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 09:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 09:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 09:05	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 09:05	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 09:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 09:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		11/28/19 09:05	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		11/28/19 09:05	460-00-4	
Toluene-d8 (S)	90	%.	85-114	1		11/28/19 09:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-20 **Lab ID: 50242688008** Collected: 11/20/19 13:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**14.2**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7440-38-2	
Barium	**163**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:43	7440-43-9	
Chromium	**27.2**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7440-47-3	
Lead	**19.5**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:43	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:49	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 22:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:41	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	55-118	1	11/25/19 14:00	11/25/19 22:41	321-60-8	
p-Terphenyl-d14 (S)	108	%.	56-128	1	11/25/19 14:00	11/25/19 22:41	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		11/28/19 09:38	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/28/19 09:38	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/28/19 09:38	107-13-1	
Benzene	ND	ug/L	5.0	1		11/28/19 09:38	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/28/19 09:38	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/28/19 09:38	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/19 09:38	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/19 09:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/19 09:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/19 09:38	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	104-51-8	L2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-20 **Lab ID: 50242688008** Collected: 11/20/19 13:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/28/19 09:38	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/19 09:38	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/19 09:38	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/19 09:38	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/19 09:38	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 09:38	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/28/19 09:38	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/19 09:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/19 09:38	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/28/19 09:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/28/19 09:38	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/19 09:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/19 09:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/19 09:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/19 09:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/28/19 09:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/19 09:38	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/28/19 09:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/28/19 09:38	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/28/19 09:38	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		11/28/19 09:38	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/28/19 09:38	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/19 09:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/28/19 09:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/28/19 09:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/19 09:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/19 09:38	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	103-65-1	
Styrene	ND	ug/L	5.0	1		11/28/19 09:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 09:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/19 09:38	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/19 09:38	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/19 09:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-20 **Lab ID: 50242688008** Collected: 11/20/19 13:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/19 09:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/19 09:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/19 09:38	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/19 09:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/19 09:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/28/19 09:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/28/19 09:38	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/28/19 09:38	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/28/19 09:38	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/28/19 09:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	80-122	1		11/28/19 09:38	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		11/28/19 09:38	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		11/28/19 09:38	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-21 **Lab ID: 50242688009** Collected: 11/20/19 14:50 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7440-38-2	
Barium	**24.9**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:45	7440-43-9	
Chromium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:45	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:51	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	208-96-8	
Anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	207-08-9	
Chrysene	ND	ug/L	0.50	1	11/25/19 14:00	11/25/19 22:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	206-44-0	
Fluorene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/25/19 14:00	11/25/19 22:52	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	91-57-6	
Naphthalene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	85-01-8	
Pyrene	ND	ug/L	1.0	1	11/25/19 14:00	11/25/19 22:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64	%.	55-118	1	11/25/19 14:00	11/25/19 22:52	321-60-8	
p-Terphenyl-d14 (S)	108	%.	56-128	1	11/25/19 14:00	11/25/19 22:52	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 13:54	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 13:54	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 13:54	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 13:54	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 13:54	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 13:54	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 13:54	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 13:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 13:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 13:54	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-21 **Lab ID: 50242688009** Collected: 11/20/19 14:50 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 13:54	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 13:54	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 13:54	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 13:54	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 13:54	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 13:54	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 13:54	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 13:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 13:54	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 13:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 13:54	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 13:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 13:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 13:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 13:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 13:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 13:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 13:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 13:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 13:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 13:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 13:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 13:54	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 13:54	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 13:54	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 13:54	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 13:54	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 13:54	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/02/19 13:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/02/19 13:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 13:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 13:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 13:54	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 13:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 13:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 13:54	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 13:54	127-18-4	
Toluene	ND	ug/L	5.0	1		12/02/19 13:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	87-61-6	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-21 **Lab ID: 50242688009** Collected: 11/20/19 14:50 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 13:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 13:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 13:54	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 13:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 13:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 13:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 13:54	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 13:54	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 13:54	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/02/19 13:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		12/02/19 13:54	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-114	1		12/02/19 13:54	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		12/02/19 13:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-22 **Lab ID: 50242688010** Collected: 11/22/19 16:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**90.0**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7440-38-2	
Barium	**426**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7440-39-3	
Cadmium	**4.5**	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:48	7440-43-9	
Chromium	**104**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7440-47-3	
Lead	**76.4**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/25/19 23:53	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/26/19 13:18	11/26/19 21:54	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 21:54	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 21:54	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	77	%.	55-118	1	11/26/19 13:18	11/26/19 21:54	321-60-8	BM
p-Terphenyl-d14 (S)	93	%.	56-128	1	11/26/19 13:18	11/26/19 21:54	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 14:28	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 14:28	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 14:28	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 14:28	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 14:28	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 14:28	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 14:28	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 14:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 14:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 14:28	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-22 **Lab ID: 50242688010** Collected: 11/22/19 16:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 14:28	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 14:28	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 14:28	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 14:28	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 14:28	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 14:28	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 14:28	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 14:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 14:28	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 14:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 14:28	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 14:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 14:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 14:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:28	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 14:28	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 14:28	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 14:28	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 14:28	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 14:28	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/02/19 14:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/02/19 14:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 14:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 14:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 14:28	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 14:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 14:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 14:28	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 14:28	127-18-4	
Toluene	ND	ug/L	5.0	1		12/02/19 14:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-22 **Lab ID: 50242688010** Collected: 11/22/19 16:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 14:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 14:28	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 14:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 14:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 14:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 14:28	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 14:28	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 14:28	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/02/19 14:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	80-122	1		12/02/19 14:28	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-114	1		12/02/19 14:28	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		12/02/19 14:28	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-23 **Lab ID: 50242688011** Collected: 11/22/19 13:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**77.3**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7440-38-2	
Barium	**318**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:50	7440-43-9	
Chromium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/26/19 00:02	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	**1.4**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/26/19 13:18	11/26/19 22:05	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	206-44-0	BM
Fluorene	**3.4**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/26/19 13:18	11/26/19 22:05	193-39-5	BM
1-Methylnaphthalene	**76.5**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	90-12-0	BM
2-Methylnaphthalene	**85.6**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	91-57-6	BM
Naphthalene	**219**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	91-20-3	BM
Phenanthrene	**4.5**	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/26/19 13:18	11/26/19 22:05	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	57	%.	55-118	1	11/26/19 13:18	11/26/19 22:05	321-60-8	BM
p-Terphenyl-d14 (S)	79	%.	56-128	1	11/26/19 13:18	11/26/19 22:05	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 14:11	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 14:11	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 14:11	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 14:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 14:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 14:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 14:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 14:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 14:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 14:11	78-93-3	
n-Butylbenzene	**7.5**	ug/L	5.0	1		12/02/19 14:11	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-23 **Lab ID: 50242688011** Collected: 11/22/19 13:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	**5.6**	ug/L	5.0	1		12/02/19 14:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 14:11	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 14:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 14:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 14:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 14:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 14:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 14:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 14:11	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 14:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 14:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 14:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 14:11	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 14:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 14:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 14:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 14:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 14:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 14:11	10061-02-6	
Ethylbenzene	**49.4**	ug/L	5.0	1		12/02/19 14:11	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 14:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 14:11	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 14:11	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 14:11	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 14:11	74-88-4	
Isopropylbenzene (Cumene)	**13.0**	ug/L	5.0	1		12/02/19 14:11	98-82-8	
p-Isopropyltoluene	**6.5**	ug/L	5.0	1		12/02/19 14:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 14:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 14:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 14:11	1634-04-4	
n-Propylbenzene	**13.5**	ug/L	5.0	1		12/02/19 14:11	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 14:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 14:11	127-18-4	
Toluene	**6.2**	ug/L	5.0	1		12/02/19 14:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	87-61-6	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-23 **Lab ID: 50242688011** Collected: 11/22/19 13:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 14:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 14:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 14:11	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 14:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 14:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 14:11	96-18-4	
1,2,4-Trimethylbenzene	**36.8**	ug/L	5.0	1		12/02/19 14:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 14:11	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 14:11	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 14:11	75-01-4	
Xylene (Total)	**62.7**	ug/L	10.0	1		12/02/19 14:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	90	%.	80-122	1		12/02/19 14:11	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-114	1		12/02/19 14:11	460-00-4	
Toluene-d8 (S)	90	%.	85-114	1		12/02/19 14:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: TRIP BLANK5 **Lab ID: 50242688012** Collected: 11/19/19 09:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 15:02	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 15:02	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 15:02	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 15:02	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 15:02	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 15:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 15:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 15:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 15:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 15:02	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 15:02	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 15:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 15:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 15:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 15:02	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 15:02	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 15:02	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 15:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 15:02	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 15:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 15:02	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 15:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 15:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 15:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:02	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 15:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 15:02	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 15:02	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 15:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 15:02	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/02/19 15:02	98-82-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: TRIP BLANK5 **Lab ID: 50242688012** Collected: 11/19/19 09:30 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		12/02/19 15:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 15:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 15:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 15:02	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 15:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 15:02	127-18-4	
Toluene	ND	ug/L	5.0	1		12/02/19 15:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 15:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 15:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 15:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 15:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 15:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 15:02	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 15:02	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 15:02	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/02/19 15:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		12/02/19 15:02	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	85-114	1		12/02/19 15:02	460-00-4	
Toluene-d8 (S)	92	%.	85-114	1		12/02/19 15:02	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 5 **Lab ID: 50242688013** Collected: 11/19/19 08:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7440-38-2	
Barium	**28.4**	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7440-39-3	
Cadmium	ND	ug/L	2.0	1	11/25/19 06:08	11/26/19 13:52	7440-43-9	
Chromium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7440-47-3	
Lead	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7439-92-1	
Selenium	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7782-49-2	
Silver	ND	ug/L	10.0	1	11/25/19 06:08	11/26/19 13:52	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	11/25/19 12:30	11/26/19 00:04	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/24/19 14:50	11/25/19 18:30	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/24/19 14:50	11/25/19 18:30	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	91-20-3	BM,L2
Phenanthrene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/24/19 14:50	11/25/19 18:30	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	63	%.	55-118	1	11/24/19 14:50	11/25/19 18:30	321-60-8	BM
p-Terphenyl-d14 (S)	106	%.	56-128	1	11/24/19 14:50	11/25/19 18:30	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/02/19 15:36	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/02/19 15:36	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/02/19 15:36	107-13-1	
Benzene	ND	ug/L	5.0	1		12/02/19 15:36	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/02/19 15:36	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/02/19 15:36	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/02/19 15:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/02/19 15:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/02/19 15:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/02/19 15:36	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 5 **Lab ID: 50242688013** Collected: 11/19/19 08:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/02/19 15:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/02/19 15:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/02/19 15:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/02/19 15:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/02/19 15:36	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 15:36	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/02/19 15:36	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/02/19 15:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/02/19 15:36	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/02/19 15:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/02/19 15:36	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/02/19 15:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/02/19 15:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/02/19 15:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/02/19 15:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/02/19 15:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/02/19 15:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/02/19 15:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/02/19 15:36	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/02/19 15:36	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/02/19 15:36	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/02/19 15:36	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/02/19 15:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/02/19 15:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/02/19 15:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/02/19 15:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/02/19 15:36	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	103-65-1	
Styrene	ND	ug/L	5.0	1		12/02/19 15:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 15:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/02/19 15:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/02/19 15:36	127-18-4	
Toluene	ND	ug/L	5.0	1		12/02/19 15:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	87-61-6	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 5 **Lab ID: 50242688013** Collected: 11/19/19 08:00 Received: 11/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/02/19 15:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/02/19 15:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/02/19 15:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/02/19 15:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/02/19 15:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/02/19 15:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/02/19 15:36	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/02/19 15:36	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/02/19 15:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/02/19 15:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	80-122	1		12/02/19 15:36	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	85-114	1		12/02/19 15:36	460-00-4	
Toluene-d8 (S)	91	%.	85-114	1		12/02/19 15:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-8 **Lab ID: 50242967001** Collected: 11/25/19 11:40 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7440-38-2	
Barium	**91.8**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:23	7440-43-9	
Chromium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7440-47-3	
Lead	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:23	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:39	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 17:34	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:34	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:34	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	80	%.	55-118	1	11/29/19 11:50	12/02/19 17:34	321-60-8	BM
p-Terphenyl-d14 (S)	105	%.	56-128	1	11/29/19 11:50	12/02/19 17:34	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 17:18	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 17:18	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 17:18	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 17:18	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 17:18	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 17:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 17:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 17:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 17:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 17:18	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-8 **Lab ID: 50242967001** Collected: 11/25/19 11:40 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 17:18	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 17:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 17:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 17:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 17:18	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 17:18	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 17:18	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 17:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 17:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 17:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 17:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 17:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 17:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 17:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:18	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:18	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 17:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 17:18	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 17:18	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 17:18	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 17:18	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 17:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 17:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 17:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 17:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 17:18	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 17:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 17:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 17:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 17:18	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 17:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-8 **Lab ID: 50242967001** Collected: 11/25/19 11:40 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 17:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 17:18	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 17:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 17:18	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 17:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 17:18	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 17:18	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 17:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 17:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	80-122	1		12/05/19 17:18	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	85-114	1		12/05/19 17:18	460-00-4	
Toluene-d8 (S)	96	%.	85-114	1		12/05/19 17:18	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-10 **Lab ID: 50242967002** Collected: 11/25/19 13:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7440-38-2	
Barium	**174**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:25	7440-43-9	
Chromium	**24.9**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7440-47-3	
Lead	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:41	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 17:45	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:45	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:45	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	81	%.	55-118	1	11/29/19 11:50	12/02/19 17:45	321-60-8	BM
p-Terphenyl-d14 (S)	102	%.	56-128	1	11/29/19 11:50	12/02/19 17:45	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 17:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 17:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 17:51	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 17:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 17:51	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 17:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 17:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 17:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-10 **Lab ID: 50242967002** Collected: 11/25/19 13:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 17:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 17:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 17:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 17:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 17:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 17:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 17:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 17:51	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 17:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 17:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 17:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 17:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 17:51	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 17:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 17:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 17:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 17:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 17:51	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 17:51	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-10 **Lab ID: 50242967002** Collected: 11/25/19 13:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 17:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 17:51	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 17:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 17:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 17:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 17:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 17:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	80-122	1		12/05/19 17:51	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/05/19 17:51	460-00-4	
Toluene-d8 (S)	98	%.	85-114	1		12/05/19 17:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-13 **Lab ID: 50242967003** Collected: 11/25/19 10:10 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**63.6**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7440-38-2	
Barium	**1160**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:27	7440-43-9	
Chromium	**159**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7440-47-3	
Lead	**41.8**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:27	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:43	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 17:56	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 17:56	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 17:56	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	78	%.	55-118	1	11/29/19 11:50	12/02/19 17:56	321-60-8	BM
p-Terphenyl-d14 (S)	104	%.	56-128	1	11/29/19 11:50	12/02/19 17:56	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 18:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 18:24	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 18:24	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 18:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 18:24	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 18:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 18:24	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 18:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 18:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 18:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-13 **Lab ID: 50242967003** Collected: 11/25/19 10:10 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 18:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 18:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 18:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 18:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 18:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 18:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 18:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 18:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 18:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 18:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 18:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 18:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 18:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 18:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:24	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 18:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 18:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 18:24	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 18:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 18:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 18:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 18:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 18:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 18:24	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 18:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 18:24	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 18:24	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 18:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-13 **Lab ID: 50242967003** Collected: 11/25/19 10:10 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 18:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 18:24	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 18:24	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 18:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 18:24	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 18:24	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 18:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 18:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	80-122	1		12/05/19 18:24	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		12/05/19 18:24	460-00-4	
Toluene-d8 (S)	95	%.	85-114	1		12/05/19 18:24	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-27 **Lab ID: 50242967004** Collected: 11/25/19 16:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**81.4**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7440-38-2	
Barium	**509**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:30	7440-43-9	
Chromium	**70.0**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7440-47-3	
Lead	**31.8**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:30	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:45	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 18:07	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:07	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:07	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	80	%.	55-118	1	11/29/19 11:50	12/02/19 18:07	321-60-8	BM
p-Terphenyl-d14 (S)	103	%.	56-128	1	11/29/19 11:50	12/02/19 18:07	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 18:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 18:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 18:58	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 18:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 18:58	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 18:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 18:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 18:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 18:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-27 **Lab ID: 50242967004** Collected: 11/25/19 16:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 18:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 18:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 18:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 18:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 18:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 18:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 18:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 18:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 18:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 18:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 18:58	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 18:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 18:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 18:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 18:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 18:58	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 18:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 18:58	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 18:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 18:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 18:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 18:58	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 18:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 18:58	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	87-61-6	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-27 **Lab ID: 50242967004** Collected: 11/25/19 16:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 18:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 18:58	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 18:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 18:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 18:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 18:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 18:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	80-122	1		12/05/19 18:58	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	85-114	1		12/05/19 18:58	460-00-4	
Toluene-d8 (S)	97	%.	85-114	1		12/05/19 18:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-28 **Lab ID: 50242967005** Collected: 11/25/19 17:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**45.0**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7440-38-2	
Barium	**703**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:32	7440-43-9	
Chromium	**88.4**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7440-47-3	
Lead	**35.8**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:47	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 18:18	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:18	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:18	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	75	%.	55-118	1	11/29/19 11:50	12/02/19 18:18	321-60-8	BM
p-Terphenyl-d14 (S)	100	%.	56-128	1	11/29/19 11:50	12/02/19 18:18	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 19:31	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 19:31	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 19:31	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 19:31	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 19:31	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 19:31	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 19:31	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 19:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 19:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 19:31	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-28 **Lab ID: 50242967005** Collected: 11/25/19 17:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 19:31	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 19:31	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 19:31	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 19:31	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 19:31	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 19:31	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 19:31	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 19:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 19:31	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 19:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 19:31	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 19:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 19:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 19:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 19:31	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 19:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 19:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 19:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 19:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 19:31	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 19:31	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 19:31	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 19:31	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 19:31	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 19:31	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 19:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 19:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 19:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 19:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 19:31	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 19:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 19:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 19:31	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 19:31	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 19:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-28 **Lab ID: 50242967005** Collected: 11/25/19 17:30 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 19:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 19:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 19:31	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 19:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 19:31	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 19:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 19:31	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 19:31	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 19:31	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 19:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	80-122	1		12/05/19 19:31	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-114	1		12/05/19 19:31	460-00-4	
Toluene-d8 (S)	96	%.	85-114	1		12/05/19 19:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 6 **Lab ID: 50242967006** Collected: 11/25/19 08:00 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7440-38-2	
Barium	**100**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:38	7440-43-9	
Chromium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7440-47-3	
Lead	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:38	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:49	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	83-32-9	BM
Acenaphthylene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	208-96-8	BM
Anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	120-12-7	BM
Benzo(a)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	56-55-3	BM
Benzo(a)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	50-32-8	BM
Benzo(b)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	205-99-2	BM
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	191-24-2	BM
Benzo(k)fluoranthene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	207-08-9	BM
Chrysene	ND	ug/L	0.50	1	11/29/19 11:50	12/02/19 18:29	218-01-9	BM
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	53-70-3	BM
Fluoranthene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	206-44-0	BM
Fluorene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	86-73-7	BM
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	11/29/19 11:50	12/02/19 18:29	193-39-5	BM
1-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	90-12-0	BM
2-Methylnaphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	91-57-6	BM
Naphthalene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	91-20-3	BM
Phenanthrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	85-01-8	BM
Pyrene	ND	ug/L	1.0	1	11/29/19 11:50	12/02/19 18:29	129-00-0	BM
Surrogates								
2-Fluorobiphenyl (S)	83	%.	55-118	1	11/29/19 11:50	12/02/19 18:29	321-60-8	BM
p-Terphenyl-d14 (S)	102	%.	56-128	1	11/29/19 11:50	12/02/19 18:29	1718-51-0	BM
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 20:04	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 20:04	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 20:04	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 20:04	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 20:04	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 20:04	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 20:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 20:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 20:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 20:04	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 6 **Lab ID: 50242967006** Collected: 11/25/19 08:00 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 20:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 20:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 20:04	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 20:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 20:04	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 20:04	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 20:04	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 20:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 20:04	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 20:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 20:04	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 20:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 20:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 20:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:04	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 20:04	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 20:04	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 20:04	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 20:04	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 20:04	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 20:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 20:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 20:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 20:04	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 20:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 20:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 20:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 20:04	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 20:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: DUP 6 **Lab ID: 50242967006** Collected: 11/25/19 08:00 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 20:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 20:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 20:04	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 20:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 20:04	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 20:04	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 20:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 20:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	80-122	1		12/05/19 20:04	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/05/19 20:04	460-00-4	
Toluene-d8 (S)	95	%.	85-114	1		12/05/19 20:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-29 **Lab ID: 50242967007** Collected: 11/26/19 10:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7440-38-2	
Barium	**42.4**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:41	7440-43-9	
Chromium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7440-47-3	
Lead	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:41	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:52	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/02/19 10:17	12/02/19 20:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 20:52	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 20:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	55-118	1	12/02/19 10:17	12/02/19 20:52	321-60-8	
p-Terphenyl-d14 (S)	102	%.	56-128	1	12/02/19 10:17	12/02/19 20:52	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 20:37	67-64-1	R1
Acrolein	ND	ug/L	50.0	1		12/05/19 20:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 20:37	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 20:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 20:37	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 20:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 20:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 20:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 20:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 20:37	78-93-3	R1
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-29 **Lab ID: 50242967007** Collected: 11/26/19 10:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	98-06-6	R1
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 20:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 20:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 20:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 20:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 20:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 20:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 20:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 20:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 20:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 20:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 20:37	110-57-6	R1
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 20:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 20:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 20:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 20:37	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 20:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 20:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 20:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 20:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 20:37	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 20:37	591-78-6	R1
Iodomethane	ND	ug/L	10.0	1		12/05/19 20:37	74-88-4	R1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 20:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 20:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 20:37	108-10-1	R1
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 20:37	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 20:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 20:37	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 20:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-29 **Lab ID: 50242967007** Collected: 11/26/19 10:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 20:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 20:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 20:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 20:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 20:37	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 20:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 20:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 20:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 20:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 20:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	80-122	1		12/05/19 20:37	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-114	1		12/05/19 20:37	460-00-4	
Toluene-d8 (S)	96	%.	85-114	1		12/05/19 20:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-30 **Lab ID: 50242967008** Collected: 11/26/19 11:50 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7440-38-2	
Barium	**56.0**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:51	7440-43-9	
Chromium	**66.0**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7440-47-3	
Lead	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:51	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 14:58	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/02/19 10:17	12/02/19 21:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	88	%.	55-118	1	12/02/19 10:17	12/02/19 21:25	321-60-8	
p-Terphenyl-d14 (S)	104	%.	56-128	1	12/02/19 10:17	12/02/19 21:25	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 21:10	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 21:10	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 21:10	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 21:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 21:10	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 21:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 21:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 21:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 21:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 21:10	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-30 **Lab ID: 50242967008** Collected: 11/26/19 11:50 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 21:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 21:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 21:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 21:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 21:10	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 21:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 21:10	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 21:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 21:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 21:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 21:10	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 21:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 21:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 21:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:10	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 21:10	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 21:10	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 21:10	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 21:10	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 21:10	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 21:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 21:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 21:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 21:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 21:10	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 21:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 21:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 21:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 21:10	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 21:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-30 **Lab ID: 50242967008** Collected: 11/26/19 11:50 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 21:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 21:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 21:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 21:10	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 21:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 21:10	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 21:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 21:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 21:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	80-122	1		12/05/19 21:10	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		12/05/19 21:10	460-00-4	
Toluene-d8 (S)	98	%.	85-114	1		12/05/19 21:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-31 **Lab ID: 50242967009** Collected: 11/26/19 13:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**236**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7440-38-2	
Barium	**674**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7440-39-3	
Cadmium	**4.0**	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:53	7440-43-9	
Chromium	**201**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7440-47-3	
Lead	**212**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:53	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 15:06	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/02/19 10:17	12/02/19 21:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:36	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	55-118	1	12/02/19 10:17	12/02/19 21:36	321-60-8	
p-Terphenyl-d14 (S)	103	%.	56-128	1	12/02/19 10:17	12/02/19 21:36	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 21:43	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 21:43	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 21:43	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 21:43	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 21:43	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 21:43	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 21:43	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 21:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 21:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 21:43	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-31 **Lab ID: 50242967009** Collected: 11/26/19 13:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 21:43	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 21:43	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 21:43	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 21:43	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 21:43	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 21:43	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 21:43	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 21:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 21:43	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 21:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 21:43	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 21:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 21:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 21:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 21:43	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 21:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 21:43	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 21:43	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 21:43	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 21:43	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 21:43	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 21:43	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 21:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 21:43	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 21:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 21:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 21:43	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 21:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 21:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 21:43	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 21:43	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 21:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-31 **Lab ID: 50242967009** Collected: 11/26/19 13:25 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 21:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 21:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 21:43	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 21:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 21:43	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 21:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 21:43	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 21:43	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 21:43	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 21:43	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	80-122	1		12/05/19 21:43	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/05/19 21:43	460-00-4	
Toluene-d8 (S)	96	%.	85-114	1		12/05/19 21:43	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-24 **Lab ID: 50242967010** Collected: 11/26/19 16:55 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**23.5**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7440-38-2	
Barium	**383**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:55	7440-43-9	
Chromium	**70.1**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7440-47-3	
Lead	**18.0**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:55	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 15:08	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/02/19 10:17	12/02/19 21:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:47	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:47	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	55-118	1	12/02/19 10:17	12/02/19 21:47	321-60-8	
p-Terphenyl-d14 (S)	102	%.	56-128	1	12/02/19 10:17	12/02/19 21:47	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/05/19 22:16	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/05/19 22:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/05/19 22:16	107-13-1	
Benzene	ND	ug/L	5.0	1		12/05/19 22:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/05/19 22:16	108-86-1	L1
Bromochloromethane	ND	ug/L	5.0	1		12/05/19 22:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/05/19 22:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/05/19 22:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/05/19 22:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/05/19 22:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-24 **Lab ID: 50242967010** Collected: 11/26/19 16:55 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/05/19 22:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/05/19 22:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/05/19 22:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/05/19 22:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/05/19 22:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 22:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/05/19 22:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/05/19 22:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/05/19 22:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/05/19 22:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/05/19 22:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/05/19 22:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/05/19 22:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/05/19 22:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/05/19 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/05/19 22:16	156-60-5	L1
1,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 22:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/05/19 22:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/05/19 22:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/05/19 22:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 22:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/05/19 22:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/05/19 22:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/05/19 22:16	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/05/19 22:16	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/05/19 22:16	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/05/19 22:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/05/19 22:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/05/19 22:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/05/19 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/05/19 22:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/05/19 22:16	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	103-65-1	
Styrene	ND	ug/L	5.0	1		12/05/19 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 22:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/05/19 22:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/05/19 22:16	127-18-4	
Toluene	ND	ug/L	5.0	1		12/05/19 22:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	87-61-6	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-24 **Lab ID: 50242967010** Collected: 11/26/19 16:55 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/05/19 22:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/05/19 22:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/05/19 22:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/05/19 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/05/19 22:16	75-69-4	L1
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/05/19 22:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/05/19 22:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/05/19 22:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/05/19 22:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/05/19 22:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		12/05/19 22:16	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/05/19 22:16	460-00-4	
Toluene-d8 (S)	96	%.	85-114	1		12/05/19 22:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-25 **Lab ID: 50242967011** Collected: 11/26/19 15:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**28.1**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7440-38-2	
Barium	**484**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/04/19 06:35	12/04/19 13:57	7440-43-9	
Chromium	**53.7**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7440-47-3	
Lead	**23.6**	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7782-49-2	
Silver	ND	ug/L	10.0	1	12/04/19 06:35	12/04/19 13:57	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/06/19 11:48	12/08/19 15:11	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/02/19 10:17	12/02/19 21:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/02/19 10:17	12/02/19 21:58	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/02/19 10:17	12/02/19 21:58	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	55-118	1	12/02/19 10:17	12/02/19 21:58	321-60-8	
p-Terphenyl-d14 (S)	102	%.	56-128	1	12/02/19 10:17	12/02/19 21:58	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/06/19 02:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/06/19 02:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/06/19 02:41	107-13-1	
Benzene	ND	ug/L	5.0	1		12/06/19 02:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/06/19 02:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/06/19 02:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/06/19 02:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/06/19 02:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/06/19 02:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/06/19 02:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-25 **Lab ID: 50242967011** Collected: 11/26/19 15:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/06/19 02:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/06/19 02:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/06/19 02:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/06/19 02:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/06/19 02:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/06/19 02:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/06/19 02:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/06/19 02:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/06/19 02:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/06/19 02:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/06/19 02:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/06/19 02:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/06/19 02:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/06/19 02:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/06/19 02:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/06/19 02:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/06/19 02:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/06/19 02:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/06/19 02:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/06/19 02:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/06/19 02:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/06/19 02:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/06/19 02:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/06/19 02:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/06/19 02:41	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/06/19 02:41	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/06/19 02:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/06/19 02:41	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/06/19 02:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/06/19 02:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/06/19 02:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/06/19 02:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/06/19 02:41	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	103-65-1	
Styrene	ND	ug/L	5.0	1		12/06/19 02:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/06/19 02:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/06/19 02:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/06/19 02:41	127-18-4	
Toluene	ND	ug/L	5.0	1		12/06/19 02:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	87-61-6	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-25 **Lab ID: 50242967011** Collected: 11/26/19 15:45 Received: 11/27/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/06/19 02:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/06/19 02:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/06/19 02:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/06/19 02:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/06/19 02:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/06/19 02:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/06/19 02:41	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/06/19 02:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/06/19 02:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/06/19 02:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		12/06/19 02:41	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/06/19 02:41	460-00-4	
Toluene-d8 (S)	97	%.	85-114	1		12/06/19 02:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-2 **Lab ID: 50243727001** Collected: 12/02/19 15:00 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7440-38-2	
Barium	**103**	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/09/19 13:50	12/10/19 04:55	7440-43-9	
Chromium	**18.6**	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7440-47-3	
Lead	**11.9**	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7782-49-2	
Silver	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 04:55	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/10/19 11:37	12/10/19 22:03	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	207-08-9	
Chrysene	ND	ug/L	0.51	1	12/09/19 10:04	12/09/19 18:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 18:54	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 18:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	93	%.	55-118	1	12/09/19 10:04	12/09/19 18:54	321-60-8	
p-Terphenyl-d14 (S)	101	%.	56-128	1	12/09/19 10:04	12/09/19 18:54	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/10/19 06:17	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/10/19 06:17	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/10/19 06:17	107-13-1	
Benzene	ND	ug/L	5.0	1		12/10/19 06:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/10/19 06:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/10/19 06:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/10/19 06:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/10/19 06:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/10/19 06:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/10/19 06:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-2 **Lab ID: 50243727001** Collected: 12/02/19 15:00 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/10/19 06:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/10/19 06:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/10/19 06:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/10/19 06:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/10/19 06:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/10/19 06:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/10/19 06:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/10/19 06:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/10/19 06:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/10/19 06:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/10/19 06:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/10/19 06:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/10/19 06:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/10/19 06:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/10/19 06:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/10/19 06:17	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/10/19 06:17	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/10/19 06:17	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/10/19 06:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/10/19 06:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/10/19 06:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/10/19 06:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/10/19 06:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/10/19 06:17	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	103-65-1	
Styrene	ND	ug/L	5.0	1		12/10/19 06:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/10/19 06:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/10/19 06:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/10/19 06:17	127-18-4	
Toluene	ND	ug/L	5.0	1		12/10/19 06:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-2 **Lab ID: 50243727001** Collected: 12/02/19 15:00 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/10/19 06:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/10/19 06:17	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/10/19 06:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/10/19 06:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/10/19 06:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/10/19 06:17	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/10/19 06:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/10/19 06:17	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/10/19 06:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	80-122	1		12/10/19 06:17	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		12/10/19 06:17	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		12/10/19 06:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-11 **Lab ID: 50243727002** Collected: 12/02/19 15:30 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7440-38-2	
Barium	**147**	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7440-39-3	
Cadmium	ND	ug/L	2.0	1	12/09/19 13:50	12/10/19 05:04	7440-43-9	
Chromium	**13.0**	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7440-47-3	
Lead	**19.5**	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7782-49-2	
Silver	ND	ug/L	10.0	1	12/09/19 13:50	12/10/19 05:04	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	12/10/19 11:37	12/10/19 22:05	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	208-96-8	
Anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	207-08-9	
Chrysene	ND	ug/L	0.50	1	12/09/19 10:04	12/09/19 19:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	206-44-0	
Fluorene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	12/09/19 10:04	12/09/19 19:06	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	91-57-6	
Naphthalene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	85-01-8	
Pyrene	ND	ug/L	1.0	1	12/09/19 10:04	12/09/19 19:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	92	%.	55-118	1	12/09/19 10:04	12/09/19 19:06	321-60-8	
p-Terphenyl-d14 (S)	104	%.	56-128	1	12/09/19 10:04	12/09/19 19:06	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		12/10/19 06:50	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/10/19 06:50	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/10/19 06:50	107-13-1	
Benzene	ND	ug/L	5.0	1		12/10/19 06:50	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/10/19 06:50	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/10/19 06:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/10/19 06:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/10/19 06:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/10/19 06:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/10/19 06:50	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-11 **Lab ID: 50243727002** Collected: 12/02/19 15:30 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/10/19 06:50	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/10/19 06:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/10/19 06:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/10/19 06:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/10/19 06:50	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/10/19 06:50	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/10/19 06:50	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/10/19 06:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/10/19 06:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/10/19 06:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/10/19 06:50	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/10/19 06:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/10/19 06:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/10/19 06:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/10/19 06:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/10/19 06:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/10/19 06:50	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/10/19 06:50	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/10/19 06:50	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/10/19 06:50	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		12/10/19 06:50	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/10/19 06:50	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		12/10/19 06:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/10/19 06:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/10/19 06:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/10/19 06:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/10/19 06:50	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	103-65-1	
Styrene	ND	ug/L	5.0	1		12/10/19 06:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/10/19 06:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/10/19 06:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/10/19 06:50	127-18-4	
Toluene	ND	ug/L	5.0	1		12/10/19 06:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50242688

Sample: B-11 **Lab ID: 50243727002** Collected: 12/02/19 15:30 Received: 12/06/19 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/10/19 06:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/10/19 06:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/10/19 06:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/10/19 06:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/10/19 06:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/10/19 06:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/10/19 06:50	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/10/19 06:50	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/10/19 06:50	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/10/19 06:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	80-122	1		12/10/19 06:50	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		12/10/19 06:50	460-00-4	
Toluene-d8 (S)	89	%.	85-114	1		12/10/19 06:50	2037-26-5	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535219 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009, 50242688010, 50242688011, 50242688013

METHOD BLANK: 2470265 Matrix: Water
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009, 50242688010, 50242688011, 50242688013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	11/25/19 23:13	

LABORATORY CONTROL SAMPLE: 2470266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2470267 2470268

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	5.0	94	98	75-125	4	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535954 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

METHOD BLANK: 2473430 Matrix: Water
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	12/08/19 14:13	

LABORATORY CONTROL SAMPLE: 2473431

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473432 2473433

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	4.8	95	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 537513 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 50243727001, 50243727002

METHOD BLANK: 2480644 Matrix: Water
Associated Lab Samples: 50243727001, 50243727002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	12/10/19 21:38	

LABORATORY CONTROL SAMPLE: 2480645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480646 2480647

Parameter	Units	50243670002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	4.9	98	96	75-125	2	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535074 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009, 50242688010, 50242688011, 50242688013

METHOD BLANK: 2469768 Matrix: Water
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009, 50242688010, 50242688011, 50242688013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	11/26/19 12:47	
Barium	ug/L	ND	10.0	11/26/19 12:47	
Cadmium	ug/L	ND	2.0	11/26/19 12:47	
Chromium	ug/L	ND	10.0	11/26/19 12:47	
Lead	ug/L	ND	10.0	11/26/19 12:47	
Selenium	ug/L	ND	10.0	11/26/19 12:47	
Silver	ug/L	ND	10.0	11/26/19 12:47	

LABORATORY CONTROL SAMPLE: 2469769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	926	93	80-120	
Barium	ug/L	1000	964	96	80-120	
Cadmium	ug/L	1000	990	99	80-120	
Chromium	ug/L	1000	975	98	80-120	
Lead	ug/L	1000	1000	100	80-120	
Selenium	ug/L	1000	970	97	80-120	
Silver	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2469770 2469771

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	14.9	1000	1000	982	984	97	97	75-125	0	20	
Barium	ug/L	82.6	1000	1000	1060	1070	98	98	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	1030	1030	103	103	75-125	0	20	
Chromium	ug/L	18.7	1000	1000	980	1090	96	107	75-125	10	20	
Lead	ug/L	19.8	1000	1000	1040	1050	102	103	75-125	1	20	
Selenium	ug/L	ND	1000	1000	1020	1020	101	102	75-125	1	20	
Silver	ug/L	ND	500	500	493	493	99	99	75-125	0	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 536008 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

METHOD BLANK: 2473565 Matrix: Water
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	12/04/19 13:12	
Barium	ug/L	ND	10.0	12/04/19 13:12	
Cadmium	ug/L	ND	2.0	12/04/19 13:12	
Chromium	ug/L	ND	10.0	12/04/19 13:12	
Lead	ug/L	ND	10.0	12/04/19 13:12	
Selenium	ug/L	ND	10.0	12/04/19 13:12	
Silver	ug/L	ND	10.0	12/04/19 13:12	

LABORATORY CONTROL SAMPLE: 2473566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	1030	103	80-120	
Barium	ug/L	1000	1020	102	80-120	
Cadmium	ug/L	1000	1040	104	80-120	
Chromium	ug/L	1000	1040	104	80-120	
Lead	ug/L	1000	1030	103	80-120	
Selenium	ug/L	1000	1050	105	80-120	
Silver	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473567 2473568

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	1030	1050	103	105	75-125	2	20	
Barium	ug/L	42.4	1000	1000	1040	1050	100	101	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	1030	1040	103	104	75-125	1	20	
Chromium	ug/L	ND	1000	1000	1010	1020	101	101	75-125	0	20	
Lead	ug/L	ND	1000	1000	993	1010	99	101	75-125	2	20	
Selenium	ug/L	ND	1000	1000	1040	1050	104	105	75-125	1	20	
Silver	ug/L	ND	500	500	490	496	98	99	75-125	1	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 537302 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 50243727001, 50243727002

METHOD BLANK: 2479860 Matrix: Water
Associated Lab Samples: 50243727001, 50243727002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	12/10/19 03:58	
Barium	ug/L	ND	10.0	12/10/19 03:58	
Cadmium	ug/L	ND	2.0	12/10/19 03:58	
Chromium	ug/L	ND	10.0	12/10/19 03:58	
Lead	ug/L	ND	10.0	12/10/19 03:58	
Selenium	ug/L	ND	10.0	12/10/19 03:58	
Silver	ug/L	ND	10.0	12/10/19 03:58	

LABORATORY CONTROL SAMPLE: 2479861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	919	92	80-120	
Barium	ug/L	1000	926	93	80-120	
Cadmium	ug/L	1000	917	92	80-120	
Chromium	ug/L	1000	971	97	80-120	
Lead	ug/L	1000	922	92	80-120	
Selenium	ug/L	1000	950	95	80-120	
Silver	ug/L	500	456	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479862 2479863

Parameter	Units	50243591002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	913	933	91	93	75-125	2	20	
Barium	ug/L	27.3	1000	1000	923	934	90	91	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	899	916	90	92	75-125	2	20	
Chromium	ug/L	ND	1000	1000	935	954	93	95	75-125	2	20	
Lead	ug/L	ND	1000	1000	850	864	85	86	75-125	2	20	
Selenium	ug/L	ND	1000	1000	922	943	92	94	75-125	2	20	
Silver	ug/L	ND	500	500	446	457	89	91	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479864 2479865

Parameter	Units	50243670002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	909	867	91	87	75-125	5	20	
Barium	ug/L	18.4	1000	1000	919	889	90	87	75-125	3	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479864 2479865

Parameter	Units	50243670002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	897	852	90	85	75-125	5	20	
Chromium	ug/L	ND	1000	1000	941	892	94	89	75-125	5	20	
Lead	ug/L	ND	1000	1000	873	836	87	83	75-125	4	20	
Selenium	ug/L	ND	1000	1000	918	866	91	86	75-125	6	20	
Silver	ug/L	ND	500	500	444	424	89	85	75-125	5	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535868 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688005, 50242688006, 50242688007, 50242688008

METHOD BLANK: 2472928 Matrix: Water
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688005, 50242688006, 50242688007, 50242688008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,1-Dichloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,1-Dichloroethene	ug/L	ND	5.0	11/28/19 00:41	
1,1-Dichloropropene	ug/L	ND	5.0	11/28/19 00:41	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/28/19 00:41	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/28/19 00:41	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/28/19 00:41	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
1,2-Dichloroethane	ug/L	ND	5.0	11/28/19 00:41	
1,2-Dichloropropane	ug/L	ND	5.0	11/28/19 00:41	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/28/19 00:41	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
1,3-Dichloropropane	ug/L	ND	5.0	11/28/19 00:41	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
2,2-Dichloropropane	ug/L	ND	5.0	11/28/19 00:41	
2-Butanone (MEK)	ug/L	ND	25.0	11/28/19 00:41	
2-Chlorotoluene	ug/L	ND	5.0	11/28/19 00:41	
2-Hexanone	ug/L	ND	25.0	11/28/19 00:41	
4-Chlorotoluene	ug/L	ND	5.0	11/28/19 00:41	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/28/19 00:41	
Acetone	ug/L	ND	100	11/28/19 00:41	
Acrolein	ug/L	ND	50.0	11/28/19 00:41	
Acrylonitrile	ug/L	ND	100	11/28/19 00:41	
Benzene	ug/L	ND	5.0	11/28/19 00:41	
Bromobenzene	ug/L	ND	5.0	11/28/19 00:41	
Bromochloromethane	ug/L	ND	5.0	11/28/19 00:41	
Bromodichloromethane	ug/L	ND	5.0	11/28/19 00:41	
Bromoform	ug/L	ND	5.0	11/28/19 00:41	
Bromomethane	ug/L	ND	5.0	11/28/19 00:41	
Carbon disulfide	ug/L	ND	10.0	11/28/19 00:41	
Carbon tetrachloride	ug/L	ND	5.0	11/28/19 00:41	
Chlorobenzene	ug/L	ND	5.0	11/28/19 00:41	
Chloroethane	ug/L	ND	5.0	11/28/19 00:41	
Chloroform	ug/L	ND	5.0	11/28/19 00:41	
Chloromethane	ug/L	ND	5.0	11/28/19 00:41	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/28/19 00:41	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2472928 Matrix: Water
Associated Lab Samples: 50242688001, 50242688002, 50242688003, 50242688005, 50242688006, 50242688007, 50242688008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/28/19 00:41	
Dibromochloromethane	ug/L	ND	5.0	11/28/19 00:41	
Dibromomethane	ug/L	ND	5.0	11/28/19 00:41	
Dichlorodifluoromethane	ug/L	ND	5.0	11/28/19 00:41	
Ethyl methacrylate	ug/L	ND	100	11/28/19 00:41	
Ethylbenzene	ug/L	ND	5.0	11/28/19 00:41	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/28/19 00:41	
Iodomethane	ug/L	ND	10.0	11/28/19 00:41	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/28/19 00:41	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/28/19 00:41	
Methylene Chloride	ug/L	ND	5.0	11/28/19 00:41	
n-Butylbenzene	ug/L	ND	5.0	11/28/19 00:41	
n-Hexane	ug/L	ND	5.0	11/28/19 00:41	N2
n-Propylbenzene	ug/L	ND	5.0	11/28/19 00:41	
p-Isopropyltoluene	ug/L	ND	5.0	11/28/19 00:41	
sec-Butylbenzene	ug/L	ND	5.0	11/28/19 00:41	
Styrene	ug/L	ND	5.0	11/28/19 00:41	
tert-Butylbenzene	ug/L	ND	5.0	11/28/19 00:41	
Tetrachloroethene	ug/L	ND	5.0	11/28/19 00:41	
Toluene	ug/L	ND	5.0	11/28/19 00:41	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/28/19 00:41	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/28/19 00:41	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/28/19 00:41	
Trichloroethene	ug/L	ND	5.0	11/28/19 00:41	
Trichlorofluoromethane	ug/L	ND	5.0	11/28/19 00:41	
Vinyl acetate	ug/L	ND	50.0	11/28/19 00:41	
Vinyl chloride	ug/L	ND	2.0	11/28/19 00:41	
Xylene (Total)	ug/L	ND	10.0	11/28/19 00:41	
4-Bromofluorobenzene (S)	%.	92	85-114	11/28/19 00:41	
Dibromofluoromethane (S)	%.	103	80-122	11/28/19 00:41	
Toluene-d8 (S)	%.	92	85-114	11/28/19 00:41	

LABORATORY CONTROL SAMPLE: 2472929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.4	93	78-120	
1,1,1-Trichloroethane	ug/L	50	49.5	99	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	44.4	89	70-124	
1,1,2-Trichloroethane	ug/L	50	43.5	87	79-121	
1,1-Dichloroethane	ug/L	50	44.5	89	70-119	
1,1-Dichloroethene	ug/L	50	44.6	89	71-126	
1,1-Dichloropropene	ug/L	50	40.5	81	76-122	
1,2,3-Trichlorobenzene	ug/L	50	42.4	85	71-126	
1,2,3-Trichloropropane	ug/L	50	50.9	102	75-119	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2472929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.2	80	68-130	
1,2,4-Trimethylbenzene	ug/L	50	39.3	79	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	81-119	
1,2-Dichlorobenzene	ug/L	50	41.5	83	78-114	
1,2-Dichloroethane	ug/L	50	48.5	97	68-119	
1,2-Dichloropropane	ug/L	50	40.7	81	79-126	
1,3,5-Trimethylbenzene	ug/L	50	40.8	82	78-118	
1,3-Dichlorobenzene	ug/L	50	41.6	83	77-114	
1,3-Dichloropropane	ug/L	50	42.1	84	82-124	
1,4-Dichlorobenzene	ug/L	50	40.3	81	77-111	
2,2-Dichloropropane	ug/L	50	44.8	90	53-137	
2-Butanone (MEK)	ug/L	250	252	101	62-140	
2-Chlorotoluene	ug/L	50	41.1	82	76-120	
2-Hexanone	ug/L	250	243	97	62-143	
4-Chlorotoluene	ug/L	50	43.6	87	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	247	99	60-143	
Acetone	ug/L	250	248	99	44-156	
Acrolein	ug/L	1000	897	90	17-189	
Acrylonitrile	ug/L	200	168	84	58-139	
Benzene	ug/L	50	40.5	81	78-117	
Bromobenzene	ug/L	50	45.5	91	76-114	
Bromochloromethane	ug/L	50	43.2	86	70-122	
Bromodichloromethane	ug/L	50	45.5	91	72-121	
Bromoform	ug/L	50	43.7	87	66-117	
Bromomethane	ug/L	50	58.7	117	20-176	
Carbon disulfide	ug/L	50	39.2	78	65-124	
Carbon tetrachloride	ug/L	50	48.6	97	68-132	
Chlorobenzene	ug/L	50	42.5	85	79-113	
Chloroethane	ug/L	50	47.2	94	62-140	
Chloroform	ug/L	50	43.7	87	73-118	
Chloromethane	ug/L	50	38.9	78	36-132	
cis-1,2-Dichloroethene	ug/L	50	41.0	82	74-122	
cis-1,3-Dichloropropene	ug/L	50	41.8	84	79-126	
Dibromochloromethane	ug/L	50	46.1	92	75-121	
Dibromomethane	ug/L	50	44.1	88	75-123	
Dichlorodifluoromethane	ug/L	50	41.9	84	27-172	
Ethyl methacrylate	ug/L	200	177	88	72-134	
Ethylbenzene	ug/L	50	41.7	83	80-118	
Hexachloro-1,3-butadiene	ug/L	50	42.6	85	71-141	
Iodomethane	ug/L	100	99.0	99	10-186	
Isopropylbenzene (Cumene)	ug/L	50	43.2	86	82-120	
Methyl-tert-butyl ether	ug/L	50	45.6	91	72-128	
Methylene Chloride	ug/L	50	38.0	76	70-121	
n-Butylbenzene	ug/L	50	37.6	75	76-123	L2
n-Hexane	ug/L	50	42.3	85	58-149	N2
n-Propylbenzene	ug/L	50	39.8	80	80-122	
p-Isopropyltoluene	ug/L	50	40.4	81	79-121	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2472929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	40.7	81	78-124	
Styrene	ug/L	50	41.7	83	80-119	
tert-Butylbenzene	ug/L	50	39.8	80	62-102	
Tetrachloroethene	ug/L	50	43.9	88	76-124	
Toluene	ug/L	50	39.0	78	78-116	
trans-1,2-Dichloroethene	ug/L	50	41.1	82	73-121	
trans-1,3-Dichloropropene	ug/L	50	42.8	86	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	182	91	42-138	
Trichloroethene	ug/L	50	40.3	81	76-120	
Trichlorofluoromethane	ug/L	50	61.8	124	60-138	
Vinyl acetate	ug/L	200	159	80	29-200	
Vinyl chloride	ug/L	50	39.2	78	70-136	
Xylene (Total)	ug/L	150	124	83	79-119	
4-Bromofluorobenzene (S)	%.			89	85-114	
Dibromofluoromethane (S)	%.			96	80-122	
Toluene-d8 (S)	%.			91	85-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2472930 2472931

Parameter	Units	50242517034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	42.4	43.7	85	87	44-142	3	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.5	50.1	103	100	48-145	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	47.3	45.2	95	90	44-139	4	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	44.1	44.7	88	89	49-140	1	20	
1,1-Dichloroethane	ug/L	ND	50	50	45.2	44.2	90	88	38-142	2	20	
1,1-Dichloroethene	ug/L	ND	50	50	44.9	46.1	90	92	46-148	3	20	
1,1-Dichloropropene	ug/L	ND	50	50	39.2	38.7	78	77	47-142	1	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	29.6	30.0	59	60	34-139	1	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	53.9	52.8	108	106	44-140	2	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	26.7	26.8	53	54	31-142	0	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	25.1	25.2	50	50	39-140	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.5	47.8	97	96	47-143	2	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	29.2	30.9	58	62	40-135	6	20	
1,2-Dichloroethane	ug/L	ND	50	50	48.4	48.3	97	97	44-138	0	20	
1,2-Dichloropropane	ug/L	ND	50	50	39.2	39.0	78	78	53-142	1	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	26.2	26.4	52	53	36-142	1	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	26.9	27.6	54	55	37-136	3	20	
1,3-Dichloropropane	ug/L	ND	50	50	44.7	44.4	89	89	47-145	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	25.7	26.6	51	53	38-132	3	20	
2,2-Dichloropropane	ug/L	ND	50	50	46.3	45.5	93	91	19-147	2	20	
2-Butanone (MEK)	ug/L	537	250	250	812	800	110	105	36-153	1	20	
2-Chlorotoluene	ug/L	ND	50	50	28.2	28.7	56	57	37-143	2	20	
2-Hexanone	ug/L	ND	250	250	289	287	116	115	38-149	1	20	
4-Chlorotoluene	ug/L	ND	50	50	28.1	28.2	56	56	38-137	0	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2472930 2472931

Parameter	Units	50242517034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	285	284	114	114	43-145	0	20	
Acetone	ug/L	ND	250	250	417	380	167	152	21-161	9	20	M1
Acrolein	ug/L	ND	1000	1000	951	890	95	89	17-153	7	20	
Acrylonitrile	ug/L	ND	200	200	185	170	93	85	40-141	9	20	
Benzene	ug/L	ND	50	50	40.3	40.8	81	82	49-140	1	20	
Bromobenzene	ug/L	ND	50	50	36.2	35.5	72	71	39-137	2	20	
Bromochloromethane	ug/L	ND	50	50	44.0	42.9	88	86	50-132	2	20	
Bromodichloromethane	ug/L	ND	50	50	44.2	43.7	88	87	42-139	1	20	
Bromoform	ug/L	ND	50	50	45.0	43.5	90	87	29-135	4	20	
Bromomethane	ug/L	ND	50	50	50.4	56.7	101	113	10-162	12	20	
Carbon disulfide	ug/L	ND	50	50	41.7	40.8	83	82	33-144	2	20	
Carbon tetrachloride	ug/L	ND	50	50	47.0	47.4	94	95	45-148	1	20	
Chlorobenzene	ug/L	ND	50	50	35.5	35.4	71	71	47-135	0	20	
Chloroethane	ug/L	ND	50	50	67.1	59.2	134	118	41-149	13	20	
Chloroform	ug/L	ND	50	50	44.0	44.1	88	88	49-136	0	20	
Chloromethane	ug/L	ND	50	50	53.4	52.1	107	104	17-138	2	20	
cis-1,2-Dichloroethene	ug/L	11.2	50	50	52.6	52.2	83	82	46-143	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	40.6	40.7	81	81	44-142	0	20	
Dibromochloromethane	ug/L	ND	50	50	46.6	46.2	93	92	41-141	1	20	
Dibromomethane	ug/L	ND	50	50	45.2	45.4	90	91	46-140	0	20	
Dichlorodifluoromethane	ug/L	ND	50	50	47.8	46.3	96	93	10-193	3	20	
Ethyl methacrylate	ug/L	ND	200	200	185	185	92	92	45-145	0	20	
Ethylbenzene	ug/L	ND	50	50	33.0	32.5	66	65	44-145	2	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	19.3	19.2	39	38	27-158	1	20	
Iodomethane	ug/L	ND	100	100	106	102	106	102	10-172	4	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	30.5	31.5	61	63	43-148	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	48.3	47.8	97	96	38-158	1	20	
Methylene Chloride	ug/L	6.0	50	50	40.6	42.0	69	72	33-140	3	20	
n-Butylbenzene	ug/L	ND	50	50	18.1	18.8	36	38	35-142	4	20	
n-Hexane	ug/L	ND	50	50	48.0	46.9	96	94	32-159	2	20	N2
n-Propylbenzene	ug/L	ND	50	50	24.4	25.2	49	50	37-145	3	20	
p-Isopropyltoluene	ug/L	ND	50	50	21.8	22.7	44	45	37-143	4	20	
sec-Butylbenzene	ug/L	ND	50	50	23.4	24.5	47	49	40-144	5	20	
Styrene	ug/L	ND	50	50	32.5	32.3	65	65	37-143	0	20	
tert-Butylbenzene	ug/L	ND	50	50	24.9	25.5	50	51	35-114	3	20	
Tetrachloroethene	ug/L	5.7	50	50	41.2	41.4	71	71	41-145	0	20	
Toluene	ug/L	ND	50	50	36.0	37.6	72	75	48-139	4	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	41.4	40.1	83	80	46-140	3	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	41.5	40.8	83	82	37-141	2	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	178	178	89	89	10-166	0	20	
Trichloroethene	ug/L	ND	50	50	38.0	38.3	76	77	43-147	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	66.5	64.9	133	130	39-154	2	20	
Vinyl acetate	ug/L	ND	200	200	187	186	94	93	10-181	1	20	
Vinyl chloride	ug/L	3.9	50	50	49.0	47.4	90	87	49-153	3	20	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2472930 2472931

Parameter	Units	50242517034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	ND	150	150	94.0	96.0	63	64	44-147	2	20	
4-Bromofluorobenzene (S)	%.						91	92	85-114			
Dibromofluoromethane (S)	%.						95	92	80-122			
Toluene-d8 (S)	%.						94	94	85-114			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 536053
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 50242688011

METHOD BLANK: 2473745
Matrix: Water
Associated Lab Samples: 50242688011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,1-Dichloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,1-Dichloroethene	ug/L	ND	5.0	12/02/19 10:15	
1,1-Dichloropropene	ug/L	ND	5.0	12/02/19 10:15	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/02/19 10:15	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/02/19 10:15	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/02/19 10:15	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
1,2-Dichloroethane	ug/L	ND	5.0	12/02/19 10:15	
1,2-Dichloropropane	ug/L	ND	5.0	12/02/19 10:15	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/02/19 10:15	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
1,3-Dichloropropane	ug/L	ND	5.0	12/02/19 10:15	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
2,2-Dichloropropane	ug/L	ND	5.0	12/02/19 10:15	
2-Butanone (MEK)	ug/L	ND	25.0	12/02/19 10:15	
2-Chlorotoluene	ug/L	ND	5.0	12/02/19 10:15	
2-Hexanone	ug/L	ND	25.0	12/02/19 10:15	
4-Chlorotoluene	ug/L	ND	5.0	12/02/19 10:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/02/19 10:15	
Acetone	ug/L	ND	100	12/02/19 10:15	
Acrolein	ug/L	ND	50.0	12/02/19 10:15	
Acrylonitrile	ug/L	ND	100	12/02/19 10:15	
Benzene	ug/L	ND	5.0	12/02/19 10:15	
Bromobenzene	ug/L	ND	5.0	12/02/19 10:15	
Bromochloromethane	ug/L	ND	5.0	12/02/19 10:15	
Bromodichloromethane	ug/L	ND	5.0	12/02/19 10:15	
Bromoform	ug/L	ND	5.0	12/02/19 10:15	
Bromomethane	ug/L	ND	5.0	12/02/19 10:15	
Carbon disulfide	ug/L	ND	10.0	12/02/19 10:15	
Carbon tetrachloride	ug/L	ND	5.0	12/02/19 10:15	
Chlorobenzene	ug/L	ND	5.0	12/02/19 10:15	
Chloroethane	ug/L	ND	5.0	12/02/19 10:15	
Chloroform	ug/L	ND	5.0	12/02/19 10:15	
Chloromethane	ug/L	ND	5.0	12/02/19 10:15	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/02/19 10:15	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2473745 Matrix: Water
Associated Lab Samples: 50242688011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/02/19 10:15	
Dibromochloromethane	ug/L	ND	5.0	12/02/19 10:15	
Dibromomethane	ug/L	ND	5.0	12/02/19 10:15	
Dichlorodifluoromethane	ug/L	ND	5.0	12/02/19 10:15	
Ethyl methacrylate	ug/L	ND	100	12/02/19 10:15	
Ethylbenzene	ug/L	ND	5.0	12/02/19 10:15	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/02/19 10:15	
Iodomethane	ug/L	ND	10.0	12/02/19 10:15	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/02/19 10:15	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/02/19 10:15	
Methylene Chloride	ug/L	ND	5.0	12/02/19 10:15	
n-Butylbenzene	ug/L	ND	5.0	12/02/19 10:15	
n-Hexane	ug/L	ND	5.0	12/02/19 10:15	N2
n-Propylbenzene	ug/L	ND	5.0	12/02/19 10:15	
p-Isopropyltoluene	ug/L	ND	5.0	12/02/19 10:15	
sec-Butylbenzene	ug/L	ND	5.0	12/02/19 10:15	
Styrene	ug/L	ND	5.0	12/02/19 10:15	
tert-Butylbenzene	ug/L	ND	5.0	12/02/19 10:15	
Tetrachloroethene	ug/L	ND	5.0	12/02/19 10:15	
Toluene	ug/L	ND	5.0	12/02/19 10:15	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/02/19 10:15	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/02/19 10:15	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/02/19 10:15	
Trichloroethene	ug/L	ND	5.0	12/02/19 10:15	
Trichlorofluoromethane	ug/L	ND	5.0	12/02/19 10:15	
Vinyl acetate	ug/L	ND	50.0	12/02/19 10:15	
Vinyl chloride	ug/L	ND	2.0	12/02/19 10:15	
Xylene (Total)	ug/L	ND	10.0	12/02/19 10:15	
4-Bromofluorobenzene (S)	%.	94	85-114	12/02/19 10:15	
Dibromofluoromethane (S)	%.	90	80-122	12/02/19 10:15	
Toluene-d8 (S)	%.	92	85-114	12/02/19 10:15	

LABORATORY CONTROL SAMPLE: 2473746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.0	96	78-120	
1,1,1-Trichloroethane	ug/L	50	52.3	105	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	42.2	84	70-124	
1,1,2-Trichloroethane	ug/L	50	45.2	90	79-121	
1,1-Dichloroethane	ug/L	50	46.0	92	70-119	
1,1-Dichloroethene	ug/L	50	44.6	89	71-126	
1,1-Dichloropropene	ug/L	50	44.3	89	76-122	
1,2,3-Trichlorobenzene	ug/L	50	48.9	98	71-126	
1,2,3-Trichloropropane	ug/L	50	47.1	94	75-119	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	50.7	101	68-130	
1,2,4-Trimethylbenzene	ug/L	50	44.5	89	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	81-119	
1,2-Dichlorobenzene	ug/L	50	43.0	86	78-114	
1,2-Dichloroethane	ug/L	50	52.5	105	68-119	
1,2-Dichloropropane	ug/L	50	42.3	85	79-126	
1,3,5-Trimethylbenzene	ug/L	50	43.6	87	78-118	
1,3-Dichlorobenzene	ug/L	50	43.8	88	77-114	
1,3-Dichloropropane	ug/L	50	47.2	94	82-124	
1,4-Dichlorobenzene	ug/L	50	44.7	89	77-111	
2,2-Dichloropropane	ug/L	50	61.6	123	53-137	
2-Butanone (MEK)	ug/L	250	293	117	62-140	
2-Chlorotoluene	ug/L	50	42.5	85	76-120	
2-Hexanone	ug/L	250	260	104	62-143	
4-Chlorotoluene	ug/L	50	45.2	90	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	250	100	60-143	
Acetone	ug/L	250	285	114	44-156	
Acrolein	ug/L	1000	807	81	17-189	
Acrylonitrile	ug/L	200	184	92	58-139	
Benzene	ug/L	50	43.0	86	78-117	
Bromobenzene	ug/L	50	48.7	97	76-114	
Bromochloromethane	ug/L	50	44.7	89	70-122	
Bromodichloromethane	ug/L	50	48.1	96	72-121	
Bromoform	ug/L	50	43.1	86	66-117	
Bromomethane	ug/L	50	61.4	123	20-176	
Carbon disulfide	ug/L	50	44.4	89	65-124	
Carbon tetrachloride	ug/L	50	48.9	98	68-132	
Chlorobenzene	ug/L	50	45.3	91	79-113	
Chloroethane	ug/L	50	47.7	95	62-140	
Chloroform	ug/L	50	48.3	97	73-118	
Chloromethane	ug/L	50	40.5	81	36-132	
cis-1,2-Dichloroethene	ug/L	50	45.7	91	74-122	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	79-126	
Dibromochloromethane	ug/L	50	49.5	99	75-121	
Dibromomethane	ug/L	50	51.6	103	75-123	
Dichlorodifluoromethane	ug/L	50	41.5	83	27-172	
Ethyl methacrylate	ug/L	200	187	94	72-134	
Ethylbenzene	ug/L	50	43.1	86	80-118	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	71-141	
Iodomethane	ug/L	100	107	107	10-186	
Isopropylbenzene (Cumene)	ug/L	50	46.2	92	82-120	
Methyl-tert-butyl ether	ug/L	50	53.9	108	72-128	
Methylene Chloride	ug/L	50	43.9	88	70-121	
n-Butylbenzene	ug/L	50	43.5	87	76-123	
n-Hexane	ug/L	50	46.4	93	58-149	N2
n-Propylbenzene	ug/L	50	41.3	83	80-122	
p-Isopropyltoluene	ug/L	50	45.2	90	79-121	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	41.9	84	78-124	
Styrene	ug/L	50	43.7	87	80-119	
tert-Butylbenzene	ug/L	50	40.3	81	62-102	
Tetrachloroethene	ug/L	50	41.6	83	76-124	
Toluene	ug/L	50	43.6	87	78-116	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	73-121	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	212	106	42-138	
Trichloroethene	ug/L	50	45.9	92	76-120	
Trichlorofluoromethane	ug/L	50	59.1	118	60-138	
Vinyl acetate	ug/L	200	158	79	29-200	
Vinyl chloride	ug/L	50	40.7	81	70-136	
Xylene (Total)	ug/L	150	132	88	79-119	
4-Bromofluorobenzene (S)	%.			90	85-114	
Dibromofluoromethane (S)	%.			106	80-122	
Toluene-d8 (S)	%.			92	85-114	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 536056 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50242688004, 50242688009, 50242688010, 50242688012, 50242688013

METHOD BLANK: 2473754 Matrix: Water
Associated Lab Samples: 50242688004, 50242688009, 50242688010, 50242688012, 50242688013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,1-Dichloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,1-Dichloroethene	ug/L	ND	5.0	12/02/19 10:32	
1,1-Dichloropropene	ug/L	ND	5.0	12/02/19 10:32	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/02/19 10:32	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/02/19 10:32	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/02/19 10:32	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
1,2-Dichloroethane	ug/L	ND	5.0	12/02/19 10:32	
1,2-Dichloropropane	ug/L	ND	5.0	12/02/19 10:32	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/02/19 10:32	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
1,3-Dichloropropane	ug/L	ND	5.0	12/02/19 10:32	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
2,2-Dichloropropane	ug/L	ND	5.0	12/02/19 10:32	
2-Butanone (MEK)	ug/L	ND	25.0	12/02/19 10:32	
2-Chlorotoluene	ug/L	ND	5.0	12/02/19 10:32	
2-Hexanone	ug/L	ND	25.0	12/02/19 10:32	
4-Chlorotoluene	ug/L	ND	5.0	12/02/19 10:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/02/19 10:32	
Acetone	ug/L	ND	100	12/02/19 10:32	
Acrolein	ug/L	ND	50.0	12/02/19 10:32	
Acrylonitrile	ug/L	ND	100	12/02/19 10:32	
Benzene	ug/L	ND	5.0	12/02/19 10:32	
Bromobenzene	ug/L	ND	5.0	12/02/19 10:32	
Bromochloromethane	ug/L	ND	5.0	12/02/19 10:32	
Bromodichloromethane	ug/L	ND	5.0	12/02/19 10:32	
Bromoform	ug/L	ND	5.0	12/02/19 10:32	
Bromomethane	ug/L	ND	5.0	12/02/19 10:32	
Carbon disulfide	ug/L	ND	10.0	12/02/19 10:32	
Carbon tetrachloride	ug/L	ND	5.0	12/02/19 10:32	
Chlorobenzene	ug/L	ND	5.0	12/02/19 10:32	
Chloroethane	ug/L	ND	5.0	12/02/19 10:32	
Chloroform	ug/L	ND	5.0	12/02/19 10:32	
Chloromethane	ug/L	ND	5.0	12/02/19 10:32	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/02/19 10:32	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2473754 Matrix: Water
Associated Lab Samples: 50242688004, 50242688009, 50242688010, 50242688012, 50242688013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/02/19 10:32	
Dibromochloromethane	ug/L	ND	5.0	12/02/19 10:32	
Dibromomethane	ug/L	ND	5.0	12/02/19 10:32	
Dichlorodifluoromethane	ug/L	ND	5.0	12/02/19 10:32	
Ethyl methacrylate	ug/L	ND	100	12/02/19 10:32	
Ethylbenzene	ug/L	ND	5.0	12/02/19 10:32	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/02/19 10:32	
Iodomethane	ug/L	ND	10.0	12/02/19 10:32	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/02/19 10:32	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/02/19 10:32	
Methylene Chloride	ug/L	ND	5.0	12/02/19 10:32	
n-Butylbenzene	ug/L	ND	5.0	12/02/19 10:32	
n-Hexane	ug/L	ND	5.0	12/02/19 10:32	N2
n-Propylbenzene	ug/L	ND	5.0	12/02/19 10:32	
p-Isopropyltoluene	ug/L	ND	5.0	12/02/19 10:32	
sec-Butylbenzene	ug/L	ND	5.0	12/02/19 10:32	
Styrene	ug/L	ND	5.0	12/02/19 10:32	
tert-Butylbenzene	ug/L	ND	5.0	12/02/19 10:32	
Tetrachloroethene	ug/L	ND	5.0	12/02/19 10:32	
Toluene	ug/L	ND	5.0	12/02/19 10:32	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/02/19 10:32	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/02/19 10:32	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/02/19 10:32	
Trichloroethene	ug/L	ND	5.0	12/02/19 10:32	
Trichlorofluoromethane	ug/L	ND	5.0	12/02/19 10:32	
Vinyl acetate	ug/L	ND	50.0	12/02/19 10:32	
Vinyl chloride	ug/L	ND	2.0	12/02/19 10:32	
Xylene (Total)	ug/L	ND	10.0	12/02/19 10:32	
4-Bromofluorobenzene (S)	%.	91	85-114	12/02/19 10:32	
Dibromofluoromethane (S)	%.	104	80-122	12/02/19 10:32	
Toluene-d8 (S)	%.	89	85-114	12/02/19 10:32	

LABORATORY CONTROL SAMPLE: 2473755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.4	93	78-120	
1,1,1-Trichloroethane	ug/L	50	50.1	100	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	40.6	81	70-124	
1,1,2-Trichloroethane	ug/L	50	41.2	82	79-121	
1,1-Dichloroethane	ug/L	50	45.2	90	70-119	
1,1-Dichloroethene	ug/L	50	44.9	90	71-126	
1,1-Dichloropropene	ug/L	50	42.4	85	76-122	
1,2,3-Trichlorobenzene	ug/L	50	45.9	92	71-126	
1,2,3-Trichloropropane	ug/L	50	48.1	96	75-119	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	48.6	97	68-130	
1,2,4-Trimethylbenzene	ug/L	50	41.6	83	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	81-119	
1,2-Dichlorobenzene	ug/L	50	43.6	87	78-114	
1,2-Dichloroethane	ug/L	50	48.5	97	68-119	
1,2-Dichloropropane	ug/L	50	39.8	80	79-126	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	78-118	
1,3-Dichlorobenzene	ug/L	50	43.9	88	77-114	
1,3-Dichloropropane	ug/L	50	43.2	86	82-124	
1,4-Dichlorobenzene	ug/L	50	43.9	88	77-111	
2,2-Dichloropropane	ug/L	50	47.2	94	53-137	
2-Butanone (MEK)	ug/L	250	237	95	62-140	
2-Chlorotoluene	ug/L	50	42.0	84	76-120	
2-Hexanone	ug/L	250	238	95	62-143	
4-Chlorotoluene	ug/L	50	44.4	89	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	235	94	60-143	
Acetone	ug/L	250	255	102	44-156	
Acrolein	ug/L	1000	875	88	17-189	
Acrylonitrile	ug/L	200	169	85	58-139	
Benzene	ug/L	50	40.9	82	78-117	
Bromobenzene	ug/L	50	46.9	94	76-114	
Bromochloromethane	ug/L	50	43.8	88	70-122	
Bromodichloromethane	ug/L	50	45.0	90	72-121	
Bromoform	ug/L	50	41.7	83	66-117	
Bromomethane	ug/L	50	56.1	112	20-176	
Carbon disulfide	ug/L	50	42.3	85	65-124	
Carbon tetrachloride	ug/L	50	49.3	99	68-132	
Chlorobenzene	ug/L	50	43.4	87	79-113	
Chloroethane	ug/L	50	51.5	103	62-140	
Chloroform	ug/L	50	44.7	89	73-118	
Chloromethane	ug/L	50	40.6	81	36-132	
cis-1,2-Dichloroethene	ug/L	50	42.3	85	74-122	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	79-126	
Dibromochloromethane	ug/L	50	46.2	92	75-121	
Dibromomethane	ug/L	50	44.7	89	75-123	
Dichlorodifluoromethane	ug/L	50	42.5	85	27-172	
Ethyl methacrylate	ug/L	200	179	90	72-134	
Ethylbenzene	ug/L	50	44.0	88	80-118	
Hexachloro-1,3-butadiene	ug/L	50	49.0	98	71-141	
Iodomethane	ug/L	100	100	100	10-186	
Isopropylbenzene (Cumene)	ug/L	50	44.7	89	82-120	
Methyl-tert-butyl ether	ug/L	50	46.9	94	72-128	
Methylene Chloride	ug/L	50	36.0	72	70-121	
n-Butylbenzene	ug/L	50	41.6	83	76-123	
n-Hexane	ug/L	50	45.6	91	58-149	N2
n-Propylbenzene	ug/L	50	41.4	83	80-122	
p-Isopropyltoluene	ug/L	50	43.0	86	79-121	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	42.0	84	78-124	
Styrene	ug/L	50	44.0	88	80-119	
tert-Butylbenzene	ug/L	50	39.5	79	62-102	
Tetrachloroethene	ug/L	50	45.3	91	76-124	
Toluene	ug/L	50	39.6	79	78-116	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	73-121	
trans-1,3-Dichloropropene	ug/L	50	45.4	91	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	187	94	42-138	
Trichloroethene	ug/L	50	41.0	82	76-120	
Trichlorofluoromethane	ug/L	50	63.3	127	60-138	
Vinyl acetate	ug/L	200	154	77	29-200	
Vinyl chloride	ug/L	50	43.3	87	70-136	
Xylene (Total)	ug/L	150	129	86	79-119	
4-Bromofluorobenzene (S)	%.			89	85-114	
Dibromofluoromethane (S)	%.			97	80-122	
Toluene-d8 (S)	%.			93	85-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473756 2473757

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	45.7	46.3	91	93	44-142	1	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	49.8	47.3	100	95	48-145	5	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.0	43.2	86	86	44-139	0	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	42.3	43.8	85	88	49-140	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	45.4	44.3	91	89	38-142	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	45.2	42.6	90	85	46-148	6	20	
1,1-Dichloropropene	ug/L	ND	50	50	41.9	39.5	84	79	47-142	6	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	43.5	41.7	87	83	34-139	4	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	49.9	47.3	100	95	44-140	5	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	42.8	40.6	86	81	31-142	5	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	37.6	35.0	75	70	39-140	7	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.2	48.2	96	96	47-143	0	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	40.4	38.5	81	77	40-135	5	20	
1,2-Dichloroethane	ug/L	ND	50	50	49.2	47.9	98	96	44-138	3	20	
1,2-Dichloropropane	ug/L	ND	50	50	42.2	41.1	84	82	53-142	3	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	37.5	35.7	75	71	36-142	5	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	39.1	38.0	78	76	37-136	3	20	
1,3-Dichloropropane	ug/L	ND	50	50	45.0	44.5	90	89	47-145	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	39.1	37.7	78	75	38-132	4	20	
2,2-Dichloropropane	ug/L	ND	50	50	48.2	46.6	96	93	19-147	4	20	
2-Butanone (MEK)	ug/L	ND	250	250	248	248	99	99	36-153	0	20	
2-Chlorotoluene	ug/L	ND	50	50	38.5	36.5	77	73	37-143	5	20	
2-Hexanone	ug/L	ND	250	250	245	254	98	102	38-149	4	20	
4-Chlorotoluene	ug/L	ND	50	50	41.8	38.3	84	77	38-137	9	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473756 2473757

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	245	253	98	101	43-145	3	20	
Acetone	ug/L	ND	250	250	253	251	101	100	21-161	1	20	
Acrolein	ug/L	ND	1000	1000	918	894	92	89	17-153	3	20	
Acrylonitrile	ug/L	ND	200	200	171	169	86	85	40-141	1	20	
Benzene	ug/L	ND	50	50	41.4	40.6	83	81	49-140	2	20	
Bromobenzene	ug/L	ND	50	50	44.3	43.9	89	88	39-137	1	20	
Bromochloromethane	ug/L	ND	50	50	45.6	43.7	91	87	50-132	4	20	
Bromodichloromethane	ug/L	ND	50	50	45.8	45.4	92	91	42-139	1	20	
Bromoform	ug/L	ND	50	50	41.3	42.4	83	85	29-135	3	20	
Bromomethane	ug/L	ND	50	50	61.7	61.1	123	122	10-162	1	20	
Carbon disulfide	ug/L	ND	50	50	42.0	39.9	84	80	33-144	5	20	
Carbon tetrachloride	ug/L	ND	50	50	47.8	46.6	96	93	45-148	2	20	
Chlorobenzene	ug/L	ND	50	50	42.7	41.0	85	82	47-135	4	20	
Chloroethane	ug/L	ND	50	50	51.4	50.7	103	101	41-149	1	20	
Chloroform	ug/L	ND	50	50	45.8	44.2	92	88	49-136	3	20	
Chloromethane	ug/L	ND	50	50	40.5	39.8	81	80	17-138	2	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	43.5	41.8	87	84	46-143	4	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	43.6	43.4	87	87	44-142	1	20	
Dibromochloromethane	ug/L	ND	50	50	46.9	46.5	94	93	41-141	1	20	
Dibromomethane	ug/L	ND	50	50	45.7	46.1	91	92	46-140	1	20	
Dichlorodifluoromethane	ug/L	ND	50	50	43.4	41.6	87	83	10-193	4	20	
Ethyl methacrylate	ug/L	ND	200	200	188	189	94	95	45-145	1	20	
Ethylbenzene	ug/L	ND	50	50	41.3	40.6	83	81	44-145	2	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	38.4	33.9	77	68	27-158	12	20	
Iodomethane	ug/L	ND	100	100	100	95.1	100	95	10-172	5	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	41.5	39.6	83	79	43-148	5	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	48.0	47.1	96	94	38-158	2	20	
Methylene Chloride	ug/L	ND	50	50	37.3	36.9	75	74	33-140	1	20	
n-Butylbenzene	ug/L	ND	50	50	34.4	31.1	69	62	35-142	10	20	
n-Hexane	ug/L	ND	50	50	45.4	43.9	91	88	32-159	3	20	N2
n-Propylbenzene	ug/L	ND	50	50	36.8	34.2	74	68	37-145	7	20	
p-Isopropyltoluene	ug/L	ND	50	50	36.5	34.1	73	68	37-143	7	20	
sec-Butylbenzene	ug/L	ND	50	50	36.7	34.4	73	69	40-144	6	20	
Styrene	ug/L	ND	50	50	42.5	41.2	85	82	37-143	3	20	
tert-Butylbenzene	ug/L	ND	50	50	36.1	33.6	72	67	35-114	7	20	
Tetrachloroethene	ug/L	ND	50	50	43.9	41.0	88	82	41-145	7	20	
Toluene	ug/L	ND	50	50	38.7	38.4	77	77	48-139	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	45.1	42.2	90	84	46-140	7	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	44.0	44.3	88	89	37-141	1	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	194	194	97	97	10-166	0	20	
Trichloroethene	ug/L	ND	50	50	40.6	40.1	81	80	43-147	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	63.2	59.8	126	120	39-154	6	20	
Vinyl acetate	ug/L	ND	200	200	154	153	77	76	10-181	0	20	
Vinyl chloride	ug/L	ND	50	50	43.4	41.7	87	83	49-153	4	20	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473756 2473757

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	ND	150	150	121	118	81	79	44-147	3	20	
4-Bromofluorobenzene (S)	%.						91	92	85-114			
Dibromofluoromethane (S)	%.						96	95	80-122			
Toluene-d8 (S)	%.						95	94	85-114			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 536878 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010

METHOD BLANK: 2477087 Matrix: Water
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,1-Dichloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,1-Dichloroethene	ug/L	ND	5.0	12/05/19 13:59	
1,1-Dichloropropene	ug/L	ND	5.0	12/05/19 13:59	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/05/19 13:59	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/05/19 13:59	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/05/19 13:59	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
1,2-Dichloroethane	ug/L	ND	5.0	12/05/19 13:59	
1,2-Dichloropropane	ug/L	ND	5.0	12/05/19 13:59	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/05/19 13:59	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
1,3-Dichloropropane	ug/L	ND	5.0	12/05/19 13:59	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
2,2-Dichloropropane	ug/L	ND	5.0	12/05/19 13:59	
2-Butanone (MEK)	ug/L	ND	25.0	12/05/19 13:59	
2-Chlorotoluene	ug/L	ND	5.0	12/05/19 13:59	
2-Hexanone	ug/L	ND	25.0	12/05/19 13:59	
4-Chlorotoluene	ug/L	ND	5.0	12/05/19 13:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/05/19 13:59	
Acetone	ug/L	ND	100	12/05/19 13:59	
Acrolein	ug/L	ND	50.0	12/05/19 13:59	
Acrylonitrile	ug/L	ND	100	12/05/19 13:59	
Benzene	ug/L	ND	5.0	12/05/19 13:59	
Bromobenzene	ug/L	ND	5.0	12/05/19 13:59	
Bromochloromethane	ug/L	ND	5.0	12/05/19 13:59	
Bromodichloromethane	ug/L	ND	5.0	12/05/19 13:59	
Bromoform	ug/L	ND	5.0	12/05/19 13:59	
Bromomethane	ug/L	ND	5.0	12/05/19 13:59	
Carbon disulfide	ug/L	ND	10.0	12/05/19 13:59	
Carbon tetrachloride	ug/L	ND	5.0	12/05/19 13:59	
Chlorobenzene	ug/L	ND	5.0	12/05/19 13:59	
Chloroethane	ug/L	ND	5.0	12/05/19 13:59	
Chloroform	ug/L	ND	5.0	12/05/19 13:59	
Chloromethane	ug/L	ND	5.0	12/05/19 13:59	

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REPORT OF LABORATORY ANALYSIS

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2477087 Matrix: Water

Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006, 50242967007, 50242967008, 50242967009, 50242967010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/05/19 13:59	
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/05/19 13:59	
Dibromochloromethane	ug/L	ND	5.0	12/05/19 13:59	
Dibromomethane	ug/L	ND	5.0	12/05/19 13:59	
Dichlorodifluoromethane	ug/L	ND	5.0	12/05/19 13:59	
Ethyl methacrylate	ug/L	ND	100	12/05/19 13:59	
Ethylbenzene	ug/L	ND	5.0	12/05/19 13:59	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/05/19 13:59	
Iodomethane	ug/L	ND	10.0	12/05/19 13:59	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/05/19 13:59	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/05/19 13:59	
Methylene Chloride	ug/L	ND	5.0	12/05/19 13:59	
n-Butylbenzene	ug/L	ND	5.0	12/05/19 13:59	
n-Hexane	ug/L	ND	5.0	12/05/19 13:59	N2
n-Propylbenzene	ug/L	ND	5.0	12/05/19 13:59	
p-Isopropyltoluene	ug/L	ND	5.0	12/05/19 13:59	
sec-Butylbenzene	ug/L	ND	5.0	12/05/19 13:59	
Styrene	ug/L	ND	5.0	12/05/19 13:59	
tert-Butylbenzene	ug/L	ND	5.0	12/05/19 13:59	
Tetrachloroethene	ug/L	ND	5.0	12/05/19 13:59	
Toluene	ug/L	ND	5.0	12/05/19 13:59	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/05/19 13:59	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/05/19 13:59	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/05/19 13:59	
Trichloroethene	ug/L	ND	5.0	12/05/19 13:59	
Trichlorofluoromethane	ug/L	ND	5.0	12/05/19 13:59	
Vinyl acetate	ug/L	ND	50.0	12/05/19 13:59	
Vinyl chloride	ug/L	ND	2.0	12/05/19 13:59	
Xylene (Total)	ug/L	ND	10.0	12/05/19 13:59	
4-Bromofluorobenzene (S)	%.	101	85-114	12/05/19 13:59	
Dibromofluoromethane (S)	%.	105	80-122	12/05/19 13:59	
Toluene-d8 (S)	%.	97	85-114	12/05/19 13:59	

LABORATORY CONTROL SAMPLE: 2477088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.8	104	78-120	
1,1,1-Trichloroethane	ug/L	50	61.2	122	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	49.0	98	70-124	
1,1,2-Trichloroethane	ug/L	50	52.1	104	79-121	
1,1-Dichloroethane	ug/L	50	55.3	111	70-119	
1,1-Dichloroethene	ug/L	50	61.0	122	71-126	
1,1-Dichloropropene	ug/L	50	57.2	114	76-122	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2477088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	59.8	120	71-126	
1,2,3-Trichloropropane	ug/L	50	50.4	101	75-119	
1,2,4-Trichlorobenzene	ug/L	50	60.7	121	68-130	
1,2,4-Trimethylbenzene	ug/L	50	52.8	106	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	81-119	
1,2-Dichlorobenzene	ug/L	50	53.1	106	78-114	
1,2-Dichloroethane	ug/L	50	54.2	108	68-119	
1,2-Dichloropropane	ug/L	50	55.1	110	79-126	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	78-118	
1,3-Dichlorobenzene	ug/L	50	55.0	110	77-114	
1,3-Dichloropropane	ug/L	50	51.0	102	82-124	
1,4-Dichlorobenzene	ug/L	50	53.6	107	77-111	
2,2-Dichloropropane	ug/L	50	59.3	119	53-137	
2-Butanone (MEK)	ug/L	250	290	116	62-140	
2-Chlorotoluene	ug/L	50	52.8	106	76-120	
2-Hexanone	ug/L	250	261	105	62-143	
4-Chlorotoluene	ug/L	50	52.2	104	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	257	103	60-143	
Acetone	ug/L	250	251	100	44-156	
Acrolein	ug/L	1000	1240	124	17-189	
Acrylonitrile	ug/L	200	225	112	58-139	
Benzene	ug/L	50	52.7	105	78-117	
Bromobenzene	ug/L	50	60.1	120	76-114	L1
Bromochloromethane	ug/L	50	52.5	105	70-122	
Bromodichloromethane	ug/L	50	57.2	114	72-121	
Bromoform	ug/L	50	50.9	102	66-117	
Bromomethane	ug/L	50	49.6	99	20-176	
Carbon disulfide	ug/L	50	57.5	115	65-124	
Carbon tetrachloride	ug/L	50	60.4	121	68-132	
Chlorobenzene	ug/L	50	52.2	104	79-113	
Chloroethane	ug/L	50	49.8	100	62-140	
Chloroform	ug/L	50	55.5	111	73-118	
Chloromethane	ug/L	50	49.0	98	36-132	
cis-1,2-Dichloroethene	ug/L	50	57.2	114	74-122	
cis-1,3-Dichloropropene	ug/L	50	55.8	112	79-126	
Dibromochloromethane	ug/L	50	54.4	109	75-121	
Dibromomethane	ug/L	50	54.4	109	75-123	
Dichlorodifluoromethane	ug/L	50	60.0	120	27-172	
Ethyl methacrylate	ug/L	200	212	106	72-134	
Ethylbenzene	ug/L	50	55.9	112	80-118	
Hexachloro-1,3-butadiene	ug/L	50	68.9	138	71-141	
Iodomethane	ug/L	100	65.0	65	10-186	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	82-120	
Methyl-tert-butyl ether	ug/L	50	56.5	113	72-128	
Methylene Chloride	ug/L	50	55.6	111	70-121	
n-Butylbenzene	ug/L	50	57.1	114	76-123	
n-Hexane	ug/L	50	71.2	142	58-149	N2

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2477088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	52.8	106	80-122	
p-Isopropyltoluene	ug/L	50	55.6	111	79-121	
sec-Butylbenzene	ug/L	50	54.9	110	78-124	
Styrene	ug/L	50	53.2	106	80-119	
tert-Butylbenzene	ug/L	50	48.6	97	62-102	
Tetrachloroethene	ug/L	50	54.9	110	76-124	
Toluene	ug/L	50	51.8	104	78-116	
trans-1,2-Dichloroethene	ug/L	50	61.0	122	73-121	L1
trans-1,3-Dichloropropene	ug/L	50	52.0	104	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	187	94	42-138	
Trichloroethene	ug/L	50	56.4	113	76-120	
Trichlorofluoromethane	ug/L	50	69.7	139	60-138	L1
Vinyl acetate	ug/L	200	203	102	29-200	
Vinyl chloride	ug/L	50	52.9	106	70-136	
Xylene (Total)	ug/L	150	162	108	79-119	
4-Bromofluorobenzene (S)	%.			99	85-114	
Dibromofluoromethane (S)	%.			102	80-122	
Toluene-d8 (S)	%.			98	85-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477089 2477090

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	43.1	50.6	86	101	44-142	16	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	54.6	62.4	109	125	48-145	13	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	41.3	48.9	83	98	44-139	17	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	44.1	53.0	88	106	49-140	18	20	
1,1-Dichloroethane	ug/L	ND	50	50	47.3	55.0	95	110	38-142	15	20	
1,1-Dichloroethene	ug/L	ND	50	50	54.5	61.3	109	123	46-148	12	20	
1,1-Dichloropropene	ug/L	ND	50	50	50.7	56.2	101	112	47-142	10	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	47.0	54.4	94	109	34-139	15	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	42.1	51.1	84	102	44-140	19	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	47.6	54.6	95	109	31-142	14	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	44.4	49.7	89	99	39-140	11	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	44.2	52.6	88	105	47-143	17	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	44.0	49.8	88	100	40-135	12	20	
1,2-Dichloroethane	ug/L	ND	50	50	47.0	54.0	94	108	44-138	14	20	
1,2-Dichloropropane	ug/L	ND	50	50	47.1	54.8	94	110	53-142	15	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	45.1	49.9	90	100	36-142	10	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	45.4	50.9	91	102	37-136	11	20	
1,3-Dichloropropane	ug/L	ND	50	50	43.0	50.0	86	100	47-145	15	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	44.4	49.3	89	99	38-132	10	20	
2,2-Dichloropropane	ug/L	ND	50	50	46.0	51.3	92	103	19-147	11	20	
2-Butanone (MEK)	ug/L	ND	250	250	250	317	100	127	36-153	24	20	R1
2-Chlorotoluene	ug/L	ND	50	50	44.9	50.3	90	101	37-143	11	20	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477089 2477090

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	250	250	209	265	84	106	38-149	23	20	R1
4-Chlorotoluene	ug/L	ND	50	50	44.2	48.7	88	97	38-137	10	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	208	258	83	103	43-145	21	20	R1
Acetone	ug/L	ND	250	250	233	296	93	119	21-161	24	20	R1
Acrolein	ug/L	ND	1000	1000	933	1090	93	109	17-153	16	20	
Acrylonitrile	ug/L	ND	200	200	195	237	97	119	40-141	20	20	
Benzene	ug/L	ND	50	50	45.7	51.5	91	103	49-140	12	20	
Bromobenzene	ug/L	ND	50	50	51.0	60.1	102	120	39-137	16	20	
Bromochloromethane	ug/L	ND	50	50	47.5	51.8	95	104	50-132	9	20	
Bromodichloromethane	ug/L	ND	50	50	48.9	57.2	98	114	42-139	16	20	
Bromoform	ug/L	ND	50	50	43.7	51.6	87	103	29-135	17	20	
Bromomethane	ug/L	ND	50	50	41.7	47.9	83	96	10-162	14	20	
Carbon disulfide	ug/L	ND	50	50	49.9	56.2	100	112	33-144	12	20	
Carbon tetrachloride	ug/L	ND	50	50	54.2	60.9	108	122	45-148	12	20	
Chlorobenzene	ug/L	ND	50	50	44.9	50.3	90	101	47-135	11	20	
Chloroethane	ug/L	ND	50	50	44.7	51.7	89	103	41-149	15	20	
Chloroform	ug/L	ND	50	50	48.4	54.9	97	110	49-136	12	20	
Chloromethane	ug/L	ND	50	50	41.1	46.4	82	93	17-138	12	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	50.1	55.6	100	111	46-143	10	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	46.6	53.1	93	106	44-142	13	20	
Dibromochloromethane	ug/L	ND	50	50	45.8	52.7	92	105	41-141	14	20	
Dibromomethane	ug/L	ND	50	50	47.0	55.2	94	110	46-140	16	20	
Dichlorodifluoromethane	ug/L	ND	50	50	50.0	55.7	100	111	10-193	11	20	
Ethyl methacrylate	ug/L	ND	200	200	180	213	90	106	45-145	17	20	
Ethylbenzene	ug/L	ND	50	50	47.3	54.9	95	110	44-145	15	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	53.4	60.4	107	121	27-158	12	20	
Iodomethane	ug/L	ND	100	100	56.5	75.2	56	75	10-172	28	20	R1
Isopropylbenzene (Cumene)	ug/L	ND	50	50	47.4	53.3	95	107	43-148	12	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	47.2	56.2	94	112	38-158	17	20	
Methylene Chloride	ug/L	ND	50	50	44.9	51.5	90	103	33-140	14	20	
n-Butylbenzene	ug/L	ND	50	50	45.4	50.5	91	101	35-142	11	20	
n-Hexane	ug/L	ND	50	50	54.7	60.9	109	122	32-159	11	20	N2
n-Propylbenzene	ug/L	ND	50	50	45.0	50.0	90	100	37-145	11	20	
p-Isopropyltoluene	ug/L	ND	50	50	46.7	51.6	93	103	37-143	10	20	
sec-Butylbenzene	ug/L	ND	50	50	46.7	51.5	93	103	40-144	10	20	
Styrene	ug/L	ND	50	50	44.4	50.7	89	101	37-143	13	20	
tert-Butylbenzene	ug/L	ND	50	50	36.7	46.3	73	93	35-114	23	20	R1
Tetrachloroethene	ug/L	ND	50	50	45.9	52.7	92	105	41-145	14	20	
Toluene	ug/L	ND	50	50	44.2	50.8	88	102	48-139	14	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.5	61.3	109	123	46-140	12	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	42.6	49.4	85	99	37-141	15	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	181	223	90	112	10-166	21	20	R1
Trichloroethene	ug/L	ND	50	50	48.3	55.5	97	111	43-147	14	20	
Trichlorofluoromethane	ug/L	ND	50	50	61.8	68.8	124	138	39-154	11	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477089 2477090

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl acetate	ug/L	ND	200	200	137	158	69	79	10-181	14	20	
Vinyl chloride	ug/L	ND	50	50	46.8	52.2	94	104	49-153	11	20	
Xylene (Total)	ug/L	ND	150	150	137	156	92	104	44-147	13	20	
4-Bromofluorobenzene (S)	%.						98	98	85-114			
Dibromofluoromethane (S)	%.						103	102	80-122			
Toluene-d8 (S)	%.						94	97	85-114			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 536927
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 50242967011

METHOD BLANK: 2477440
Matrix: Water
Associated Lab Samples: 50242967011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,1-Dichloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,1-Dichloroethene	ug/L	ND	5.0	12/06/19 02:08	
1,1-Dichloropropene	ug/L	ND	5.0	12/06/19 02:08	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/06/19 02:08	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/06/19 02:08	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/06/19 02:08	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
1,2-Dichloroethane	ug/L	ND	5.0	12/06/19 02:08	
1,2-Dichloropropane	ug/L	ND	5.0	12/06/19 02:08	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/06/19 02:08	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
1,3-Dichloropropane	ug/L	ND	5.0	12/06/19 02:08	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
2,2-Dichloropropane	ug/L	ND	5.0	12/06/19 02:08	
2-Butanone (MEK)	ug/L	ND	25.0	12/06/19 02:08	
2-Chlorotoluene	ug/L	ND	5.0	12/06/19 02:08	
2-Hexanone	ug/L	ND	25.0	12/06/19 02:08	
4-Chlorotoluene	ug/L	ND	5.0	12/06/19 02:08	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/06/19 02:08	
Acetone	ug/L	ND	100	12/06/19 02:08	
Acrolein	ug/L	ND	50.0	12/06/19 02:08	
Acrylonitrile	ug/L	ND	100	12/06/19 02:08	
Benzene	ug/L	ND	5.0	12/06/19 02:08	
Bromobenzene	ug/L	ND	5.0	12/06/19 02:08	
Bromochloromethane	ug/L	ND	5.0	12/06/19 02:08	
Bromodichloromethane	ug/L	ND	5.0	12/06/19 02:08	
Bromoform	ug/L	ND	5.0	12/06/19 02:08	
Bromomethane	ug/L	ND	5.0	12/06/19 02:08	
Carbon disulfide	ug/L	ND	10.0	12/06/19 02:08	
Carbon tetrachloride	ug/L	ND	5.0	12/06/19 02:08	
Chlorobenzene	ug/L	ND	5.0	12/06/19 02:08	
Chloroethane	ug/L	ND	5.0	12/06/19 02:08	
Chloroform	ug/L	ND	5.0	12/06/19 02:08	
Chloromethane	ug/L	ND	5.0	12/06/19 02:08	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/06/19 02:08	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2477440 Matrix: Water
Associated Lab Samples: 50242967011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/06/19 02:08	
Dibromochloromethane	ug/L	ND	5.0	12/06/19 02:08	
Dibromomethane	ug/L	ND	5.0	12/06/19 02:08	
Dichlorodifluoromethane	ug/L	ND	5.0	12/06/19 02:08	
Ethyl methacrylate	ug/L	ND	100	12/06/19 02:08	
Ethylbenzene	ug/L	ND	5.0	12/06/19 02:08	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/06/19 02:08	
Iodomethane	ug/L	ND	10.0	12/06/19 02:08	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/06/19 02:08	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/06/19 02:08	
Methylene Chloride	ug/L	ND	5.0	12/06/19 02:08	
n-Butylbenzene	ug/L	ND	5.0	12/06/19 02:08	
n-Hexane	ug/L	ND	5.0	12/06/19 02:08	N2
n-Propylbenzene	ug/L	ND	5.0	12/06/19 02:08	
p-Isopropyltoluene	ug/L	ND	5.0	12/06/19 02:08	
sec-Butylbenzene	ug/L	ND	5.0	12/06/19 02:08	
Styrene	ug/L	ND	5.0	12/06/19 02:08	
tert-Butylbenzene	ug/L	ND	5.0	12/06/19 02:08	
Tetrachloroethene	ug/L	ND	5.0	12/06/19 02:08	
Toluene	ug/L	ND	5.0	12/06/19 02:08	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/06/19 02:08	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/06/19 02:08	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/06/19 02:08	
Trichloroethene	ug/L	ND	5.0	12/06/19 02:08	
Trichlorofluoromethane	ug/L	ND	5.0	12/06/19 02:08	
Vinyl acetate	ug/L	ND	50.0	12/06/19 02:08	
Vinyl chloride	ug/L	ND	2.0	12/06/19 02:08	
Xylene (Total)	ug/L	ND	10.0	12/06/19 02:08	
4-Bromofluorobenzene (S)	%.	99	85-114	12/06/19 02:08	
Dibromofluoromethane (S)	%.	102	80-122	12/06/19 02:08	
Toluene-d8 (S)	%.	96	85-114	12/06/19 02:08	

LABORATORY CONTROL SAMPLE: 2477441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	78-120	
1,1,1-Trichloroethane	ug/L	50	59.0	118	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	70-124	
1,1,2-Trichloroethane	ug/L	50	50.2	100	79-121	
1,1-Dichloroethane	ug/L	50	52.5	105	70-119	
1,1-Dichloroethene	ug/L	50	56.8	114	71-126	
1,1-Dichloropropene	ug/L	50	53.4	107	76-122	
1,2,3-Trichlorobenzene	ug/L	50	56.4	113	71-126	
1,2,3-Trichloropropane	ug/L	50	50.0	100	75-119	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2477441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	55.5	111	68-130	
1,2,4-Trimethylbenzene	ug/L	50	50.2	100	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	51.2	102	81-119	
1,2-Dichlorobenzene	ug/L	50	51.4	103	78-114	
1,2-Dichloroethane	ug/L	50	54.2	108	68-119	
1,2-Dichloropropane	ug/L	50	54.5	109	79-126	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	78-118	
1,3-Dichlorobenzene	ug/L	50	51.9	104	77-114	
1,3-Dichloropropane	ug/L	50	49.5	99	82-124	
1,4-Dichlorobenzene	ug/L	50	50.9	102	77-111	
2,2-Dichloropropane	ug/L	50	42.8	86	53-137	
2-Butanone (MEK)	ug/L	250	297	119	62-140	
2-Chlorotoluene	ug/L	50	50.9	102	76-120	
2-Hexanone	ug/L	250	255	102	62-143	
4-Chlorotoluene	ug/L	50	49.3	99	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	251	100	60-143	
Acetone	ug/L	250	276	110	44-156	
Acrolein	ug/L	1000	1210	121	17-189	
Acrylonitrile	ug/L	200	228	114	58-139	
Benzene	ug/L	50	51.3	103	78-117	
Bromobenzene	ug/L	50	56.5	113	76-114	
Bromochloromethane	ug/L	50	52.6	105	70-122	
Bromodichloromethane	ug/L	50	56.5	113	72-121	
Bromoform	ug/L	50	51.6	103	66-117	
Bromomethane	ug/L	50	52.9	106	20-176	
Carbon disulfide	ug/L	50	53.5	107	65-124	
Carbon tetrachloride	ug/L	50	58.3	117	68-132	
Chlorobenzene	ug/L	50	49.6	99	79-113	
Chloroethane	ug/L	50	48.9	98	62-140	
Chloroform	ug/L	50	54.1	108	73-118	
Chloromethane	ug/L	50	46.1	92	36-132	
cis-1,2-Dichloroethene	ug/L	50	55.4	111	74-122	
cis-1,3-Dichloropropene	ug/L	50	50.7	101	79-126	
Dibromochloromethane	ug/L	50	51.1	102	75-121	
Dibromomethane	ug/L	50	55.9	112	75-123	
Dichlorodifluoromethane	ug/L	50	52.2	104	27-172	
Ethyl methacrylate	ug/L	200	205	103	72-134	
Ethylbenzene	ug/L	50	52.1	104	80-118	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	71-141	
Iodomethane	ug/L	100	71.5	72	10-186	
Isopropylbenzene (Cumene)	ug/L	50	51.2	102	82-120	
Methyl-tert-butyl ether	ug/L	50	56.1	112	72-128	
Methylene Chloride	ug/L	50	53.5	107	70-121	
n-Butylbenzene	ug/L	50	49.0	98	76-123	
n-Hexane	ug/L	50	54.1	108	58-149	N2
n-Propylbenzene	ug/L	50	50.0	100	80-122	
p-Isopropyltoluene	ug/L	50	50.9	102	79-121	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2477441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	50.8	102	78-124	
Styrene	ug/L	50	50.6	101	80-119	
tert-Butylbenzene	ug/L	50	39.6	79	62-102	
Tetrachloroethene	ug/L	50	49.5	99	76-124	
Toluene	ug/L	50	48.7	97	78-116	
trans-1,2-Dichloroethene	ug/L	50	56.8	114	73-121	
trans-1,3-Dichloropropene	ug/L	50	47.9	96	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	164	82	42-138	
Trichloroethene	ug/L	50	53.0	106	76-120	
Trichlorofluoromethane	ug/L	50	63.8	128	60-138	
Vinyl acetate	ug/L	200	201	100	29-200	
Vinyl chloride	ug/L	50	49.0	98	70-136	
Xylene (Total)	ug/L	150	152	102	79-119	
4-Bromofluorobenzene (S)	%.			97	85-114	
Dibromofluoromethane (S)	%.			102	80-122	
Toluene-d8 (S)	%.			94	85-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477442 2477443

Parameter	Units	50243079003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	45.0	37.5	90	75	44-142	18	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	55.0	46.9	110	94	48-145	16	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	42.9	34.4	86	69	44-139	22	20	R1
1,1,2-Trichloroethane	ug/L	ND	50	50	48.7	39.1	97	78	49-140	22	20	R1
1,1-Dichloroethane	ug/L	ND	50	50	51.1	41.8	102	84	38-142	20	20	
1,1-Dichloroethene	ug/L	ND	50	50	53.1	45.6	106	91	46-148	15	20	
1,1-Dichloropropene	ug/L	ND	50	50	44.7	41.1	89	82	47-142	8	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	35.5	36.1	71	72	34-139	2	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	46.9	36.0	94	72	44-140	26	20	R1
1,2,4-Trichlorobenzene	ug/L	ND	50	50	34.5	36.6	69	73	31-142	6	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	37.7	35.6	75	71	39-140	6	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.5	38.5	97	77	47-143	23	20	R1
1,2-Dichlorobenzene	ug/L	ND	50	50	37.4	35.0	75	70	40-135	6	20	
1,2-Dichloroethane	ug/L	ND	50	50	52.9	42.3	106	85	44-138	22	20	R1
1,2-Dichloropropane	ug/L	ND	50	50	51.1	40.9	102	82	53-142	22	20	R1
1,3,5-Trimethylbenzene	ug/L	ND	50	50	37.8	36.2	76	72	36-142	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	37.2	35.9	74	72	37-136	4	20	
1,3-Dichloropropane	ug/L	ND	50	50	46.1	37.4	92	75	47-145	21	20	R1
1,4-Dichlorobenzene	ug/L	ND	50	50	35.9	35.1	72	70	38-132	2	20	
2,2-Dichloropropane	ug/L	ND	50	50	38.2	30.5	76	61	19-147	22	20	R1
2-Butanone (MEK)	ug/L	ND	250	250	292	226	117	90	36-153	25	20	R1
2-Chlorotoluene	ug/L	ND	50	50	38.1	36.0	76	72	37-143	6	20	
2-Hexanone	ug/L	ND	250	250	240	188	96	75	38-149	24	20	R1
4-Chlorotoluene	ug/L	ND	50	50	36.7	34.4	73	69	38-137	7	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477442 2477443

Parameter	Units	50243079003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	249	188	100	75	43-145	28	20	R1
Acetone	ug/L	ND	250	250	280	205	112	82	21-161	31	20	R1
Acrolein	ug/L	ND	1000	1000	1140	891	114	89	17-153	25	20	R1
Acrylonitrile	ug/L	ND	200	200	224	177	112	88	40-141	24	20	R1
Benzene	ug/L	ND	50	50	48.1	38.5	96	77	49-140	22	20	R1
Bromobenzene	ug/L	ND	50	50	46.0	39.9	92	80	39-137	14	20	
Bromochloromethane	ug/L	ND	50	50	51.8	40.9	104	82	50-132	23	20	R1
Bromodichloromethane	ug/L	ND	50	50	52.7	42.2	105	84	42-139	22	20	R1
Bromoform	ug/L	ND	50	50	44.6	36.6	89	73	29-135	20	20	
Bromomethane	ug/L	ND	50	50	44.8	40.9	90	82	10-162	9	20	
Carbon disulfide	ug/L	ND	50	50	48.5	43.8	97	88	33-144	10	20	
Carbon tetrachloride	ug/L	ND	50	50	49.2	45.3	98	91	45-148	8	20	
Chlorobenzene	ug/L	ND	50	50	41.3	36.9	83	74	47-135	11	20	
Chloroethane	ug/L	ND	50	50	50.0	38.6	100	77	41-149	26	20	R1
Chloroform	ug/L	ND	50	50	52.3	41.2	105	82	49-136	24	20	R1
Chloromethane	ug/L	ND	50	50	47.6	39.1	95	78	17-138	20	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	52.6	42.7	105	85	46-143	21	20	R1
cis-1,3-Dichloropropene	ug/L	ND	50	50	46.0	37.0	92	74	44-142	22	20	R1
Dibromochloromethane	ug/L	ND	50	50	48.0	39.0	96	78	41-141	21	20	R1
Dibromomethane	ug/L	ND	50	50	52.4	41.5	105	83	46-140	23	20	R1
Dichlorodifluoromethane	ug/L	ND	50	50	45.8	45.8	92	92	10-193	0	20	
Ethyl methacrylate	ug/L	ND	200	200	199	158	100	79	45-145	23	20	R1
Ethylbenzene	ug/L	ND	50	50	42.1	38.2	84	76	44-145	10	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	33.1	42.4	66	85	27-158	25	20	R1
Iodomethane	ug/L	ND	100	100	64.6	60.4	65	60	10-172	7	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	39.7	38.6	79	77	43-148	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	55.2	41.7	110	83	38-158	28	20	R1
Methylene Chloride	ug/L	ND	50	50	51.4	40.4	103	81	33-140	24	20	R1
n-Butylbenzene	ug/L	ND	50	50	31.0	36.4	62	73	35-142	16	20	
n-Hexane	ug/L	ND	50	50	33.8	47.5	68	95	32-159	34	20	N2,R1
n-Propylbenzene	ug/L	ND	50	50	35.1	36.0	70	72	37-145	2	20	
p-Isopropyltoluene	ug/L	ND	50	50	35.2	37.2	70	74	37-143	5	20	
sec-Butylbenzene	ug/L	ND	50	50	34.8	36.9	70	74	40-144	6	20	
Styrene	ug/L	ND	50	50	41.2	36.5	82	73	37-143	12	20	
tert-Butylbenzene	ug/L	ND	50	50	29.9	33.5	60	67	35-114	11	20	
Tetrachloroethene	ug/L	ND	50	50	38.4	37.8	77	76	41-145	2	20	
Toluene	ug/L	ND	50	50	43.5	37.4	87	75	48-139	15	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	53.1	45.6	106	91	46-140	15	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	42.9	34.4	86	69	37-141	22	20	R1
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	138	109	69	55	10-166	23	20	R1
Trichloroethene	ug/L	ND	50	50	46.6	40.2	93	80	43-147	15	20	
Trichlorofluoromethane	ug/L	ND	50	50	58.1	53.9	116	108	39-154	7	20	
Vinyl acetate	ug/L	ND	200	200	182	147	91	73	10-181	21	20	R1
Vinyl chloride	ug/L	ND	50	50	50.6	42.1	101	84	49-153	18	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477442 2477443

Parameter	Units	50243079003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	ND	150	150	124	113	83	75	44-147	10	20	
4-Bromofluorobenzene (S)	%.						97	99	85-114			
Dibromofluoromethane (S)	%.						104	101	80-122			
Toluene-d8 (S)	%.						96	96	85-114			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 537469 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50243727001, 50243727002

METHOD BLANK: 2480382 Matrix: Water
Associated Lab Samples: 50243727001, 50243727002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,1-Dichloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,1-Dichloroethene	ug/L	ND	5.0	12/10/19 00:13	
1,1-Dichloropropene	ug/L	ND	5.0	12/10/19 00:13	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/10/19 00:13	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/10/19 00:13	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/10/19 00:13	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
1,2-Dichloroethane	ug/L	ND	5.0	12/10/19 00:13	
1,2-Dichloropropane	ug/L	ND	5.0	12/10/19 00:13	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/10/19 00:13	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
1,3-Dichloropropane	ug/L	ND	5.0	12/10/19 00:13	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
2,2-Dichloropropane	ug/L	ND	5.0	12/10/19 00:13	
2-Butanone (MEK)	ug/L	ND	25.0	12/10/19 00:13	
2-Chlorotoluene	ug/L	ND	5.0	12/10/19 00:13	
2-Hexanone	ug/L	ND	25.0	12/10/19 00:13	
4-Chlorotoluene	ug/L	ND	5.0	12/10/19 00:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/10/19 00:13	
Acetone	ug/L	ND	100	12/10/19 00:13	
Acrolein	ug/L	ND	50.0	12/10/19 00:13	
Acrylonitrile	ug/L	ND	100	12/10/19 00:13	
Benzene	ug/L	ND	5.0	12/10/19 00:13	
Bromobenzene	ug/L	ND	5.0	12/10/19 00:13	
Bromochloromethane	ug/L	ND	5.0	12/10/19 00:13	
Bromodichloromethane	ug/L	ND	5.0	12/10/19 00:13	
Bromoform	ug/L	ND	5.0	12/10/19 00:13	
Bromomethane	ug/L	ND	5.0	12/10/19 00:13	
Carbon disulfide	ug/L	ND	10.0	12/10/19 00:13	
Carbon tetrachloride	ug/L	ND	5.0	12/10/19 00:13	
Chlorobenzene	ug/L	ND	5.0	12/10/19 00:13	
Chloroethane	ug/L	ND	5.0	12/10/19 00:13	
Chloroform	ug/L	ND	5.0	12/10/19 00:13	
Chloromethane	ug/L	ND	5.0	12/10/19 00:13	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/10/19 00:13	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

METHOD BLANK: 2480382 Matrix: Water
Associated Lab Samples: 50243727001, 50243727002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/10/19 00:13	
Dibromochloromethane	ug/L	ND	5.0	12/10/19 00:13	
Dibromomethane	ug/L	ND	5.0	12/10/19 00:13	
Dichlorodifluoromethane	ug/L	ND	5.0	12/10/19 00:13	
Ethyl methacrylate	ug/L	ND	100	12/10/19 00:13	
Ethylbenzene	ug/L	ND	5.0	12/10/19 00:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/10/19 00:13	
Iodomethane	ug/L	ND	10.0	12/10/19 00:13	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/10/19 00:13	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/10/19 00:13	
Methylene Chloride	ug/L	ND	5.0	12/10/19 00:13	
n-Butylbenzene	ug/L	ND	5.0	12/10/19 00:13	
n-Hexane	ug/L	ND	5.0	12/10/19 00:13	N2
n-Propylbenzene	ug/L	ND	5.0	12/10/19 00:13	
p-Isopropyltoluene	ug/L	ND	5.0	12/10/19 00:13	
sec-Butylbenzene	ug/L	ND	5.0	12/10/19 00:13	
Styrene	ug/L	ND	5.0	12/10/19 00:13	
tert-Butylbenzene	ug/L	ND	5.0	12/10/19 00:13	
Tetrachloroethene	ug/L	ND	5.0	12/10/19 00:13	
Toluene	ug/L	ND	5.0	12/10/19 00:13	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/10/19 00:13	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/10/19 00:13	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/10/19 00:13	
Trichloroethene	ug/L	ND	5.0	12/10/19 00:13	
Trichlorofluoromethane	ug/L	ND	5.0	12/10/19 00:13	
Vinyl acetate	ug/L	ND	50.0	12/10/19 00:13	
Vinyl chloride	ug/L	ND	2.0	12/10/19 00:13	
Xylene (Total)	ug/L	ND	10.0	12/10/19 00:13	
4-Bromofluorobenzene (S)	%.	100	85-114	12/10/19 00:13	
Dibromofluoromethane (S)	%.	102	80-122	12/10/19 00:13	
Toluene-d8 (S)	%.	96	85-114	12/10/19 00:13	

LABORATORY CONTROL SAMPLE: 2480383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.7	101	78-120	
1,1,1-Trichloroethane	ug/L	50	57.0	114	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	70-124	
1,1,2-Trichloroethane	ug/L	50	50.6	101	79-121	
1,1-Dichloroethane	ug/L	50	50.6	101	70-119	
1,1-Dichloroethene	ug/L	50	56.6	113	71-126	
1,1-Dichloropropene	ug/L	50	53.4	107	76-122	
1,2,3-Trichlorobenzene	ug/L	50	53.9	108	71-126	
1,2,3-Trichloropropane	ug/L	50	48.5	97	75-119	

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2480383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	54.0	108	68-130	
1,2,4-Trimethylbenzene	ug/L	50	49.8	100	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	81-119	
1,2-Dichlorobenzene	ug/L	50	50.8	102	78-114	
1,2-Dichloroethane	ug/L	50	53.7	107	68-119	
1,2-Dichloropropane	ug/L	50	57.6	115	79-126	
1,3,5-Trimethylbenzene	ug/L	50	49.2	98	78-118	
1,3-Dichlorobenzene	ug/L	50	51.1	102	77-114	
1,3-Dichloropropane	ug/L	50	49.9	100	82-124	
1,4-Dichlorobenzene	ug/L	50	49.9	100	77-111	
2,2-Dichloropropane	ug/L	50	42.8	86	53-137	
2-Butanone (MEK)	ug/L	250	279	112	62-140	
2-Chlorotoluene	ug/L	50	49.3	99	76-120	
2-Hexanone	ug/L	250	245	98	62-143	
4-Chlorotoluene	ug/L	50	47.6	95	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	242	97	60-143	
Acetone	ug/L	250	258	103	44-156	
Acrolein	ug/L	1000	1070	107	17-189	
Acrylonitrile	ug/L	200	206	103	58-139	
Benzene	ug/L	50	50.8	102	78-117	
Bromobenzene	ug/L	50	44.4	89	76-114	
Bromochloromethane	ug/L	50	49.6	99	70-122	
Bromodichloromethane	ug/L	50	59.0	118	72-121	
Bromoform	ug/L	50	50.1	100	66-117	
Bromomethane	ug/L	50	51.9	104	20-176	
Carbon disulfide	ug/L	50	52.6	105	65-124	
Carbon tetrachloride	ug/L	50	57.2	114	68-132	
Chlorobenzene	ug/L	50	50.0	100	79-113	
Chloroethane	ug/L	50	44.8	90	62-140	
Chloroform	ug/L	50	52.5	105	73-118	
Chloromethane	ug/L	50	44.2	88	36-132	
cis-1,2-Dichloroethene	ug/L	50	55.4	111	74-122	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	79-126	
Dibromochloromethane	ug/L	50	52.7	105	75-121	
Dibromomethane	ug/L	50	58.7	117	75-123	
Dichlorodifluoromethane	ug/L	50	60.0	120	27-172	
Ethyl methacrylate	ug/L	200	205	102	72-134	
Ethylbenzene	ug/L	50	53.9	108	80-118	
Hexachloro-1,3-butadiene	ug/L	50	56.6	113	71-141	
Iodomethane	ug/L	100	70.5	70	10-186	
Isopropylbenzene (Cumene)	ug/L	50	53.0	106	82-120	
Methyl-tert-butyl ether	ug/L	50	53.9	108	72-128	
Methylene Chloride	ug/L	50	50.4	101	70-121	
n-Butylbenzene	ug/L	50	48.4	97	76-123	
n-Hexane	ug/L	50	52.8	106	58-149	N2
n-Propylbenzene	ug/L	50	48.8	98	80-122	
p-Isopropyltoluene	ug/L	50	50.2	100	79-121	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2480383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	49.9	100	78-124	
Styrene	ug/L	50	52.8	106	80-119	
tert-Butylbenzene	ug/L	50	45.0	90	62-102	
Tetrachloroethene	ug/L	50	50.8	102	76-124	
Toluene	ug/L	50	49.5	99	78-116	
trans-1,2-Dichloroethene	ug/L	50	56.6	113	73-121	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	196	98	42-138	
Trichloroethene	ug/L	50	54.6	109	76-120	
Trichlorofluoromethane	ug/L	50	60.6	121	60-138	
Vinyl acetate	ug/L	200	182	91	29-200	
Vinyl chloride	ug/L	50	48.2	96	70-136	
Xylene (Total)	ug/L	150	157	105	79-119	
4-Bromofluorobenzene (S)	%.			98	85-114	
Dibromofluoromethane (S)	%.			100	80-122	
Toluene-d8 (S)	%.			93	85-114	

MATRIX SPIKE SAMPLE: 2480384

Parameter	Units	50243724003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	45.7	91	44-142	
1,1,1-Trichloroethane	ug/L	ND	50	54.6	109	48-145	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	43.7	87	44-139	
1,1,2-Trichloroethane	ug/L	ND	50	49.7	99	49-140	
1,1-Dichloroethane	ug/L	ND	50	48.5	97	38-142	
1,1-Dichloroethene	ug/L	ND	50	52.8	106	46-148	
1,1-Dichloropropene	ug/L	ND	50	47.8	96	47-142	
1,2,3-Trichlorobenzene	ug/L	ND	50	46.7	93	34-139	
1,2,3-Trichloropropane	ug/L	ND	50	46.5	93	44-140	
1,2,4-Trichlorobenzene	ug/L	ND	50	46.8	94	31-142	
1,2,4-Trimethylbenzene	ug/L	ND	50	42.2	84	39-140	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50.1	100	47-143	
1,2-Dichlorobenzene	ug/L	ND	50	44.6	89	40-135	
1,2-Dichloroethane	ug/L	ND	50	52.7	105	44-138	
1,2-Dichloropropane	ug/L	ND	50	52.2	104	53-142	
1,3,5-Trimethylbenzene	ug/L	ND	50	41.4	83	36-142	
1,3-Dichlorobenzene	ug/L	ND	50	43.2	86	37-136	
1,3-Dichloropropane	ug/L	ND	50	48.8	98	47-145	
1,4-Dichlorobenzene	ug/L	ND	50	43.3	87	38-132	
2,2-Dichloropropane	ug/L	ND	50	37.7	75	19-147	
2-Butanone (MEK)	ug/L	ND	250	284	113	36-153	
2-Chlorotoluene	ug/L	ND	50	42.4	85	37-143	
2-Hexanone	ug/L	ND	250	248	99	38-149	
4-Chlorotoluene	ug/L	ND	50	41.8	84	38-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	238	95	43-145	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

MATRIX SPIKE SAMPLE: 2480384

Parameter	Units	50243724003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	250	243	97	21-161	
Acrolein	ug/L	ND	1000	913	91	17-153	
Acrylonitrile	ug/L	ND	200	203	102	40-141	
Benzene	ug/L	ND	50	48.0	96	49-140	
Bromobenzene	ug/L	ND	50	39.8	80	39-137	
Bromochloromethane	ug/L	ND	50	51.6	103	50-132	
Bromodichloromethane	ug/L	ND	50	53.6	107	42-139	
Bromoform	ug/L	ND	50	45.9	92	29-135	
Bromomethane	ug/L	ND	50	44.3	89	10-162	
Carbon disulfide	ug/L	ND	50	48.8	98	33-144	
Carbon tetrachloride	ug/L	ND	50	50.6	101	45-148	
Chlorobenzene	ug/L	ND	50	44.0	88	47-135	
Chloroethane	ug/L	ND	50	43.1	86	41-149	
Chloroform	ug/L	ND	50	51.4	103	49-136	
Chloromethane	ug/L	ND	50	43.7	87	17-138	
cis-1,2-Dichloroethene	ug/L	12.6	50	66.9	109	46-143	
cis-1,3-Dichloropropene	ug/L	ND	50	49.3	99	44-142	
Dibromochloromethane	ug/L	ND	50	49.3	99	41-141	
Dibromomethane	ug/L	ND	50	53.2	106	46-140	
Dichlorodifluoromethane	ug/L	ND	50	54.9	110	10-193	
Ethyl methacrylate	ug/L	ND	200	199	99	45-145	
Ethylbenzene	ug/L	ND	50	46.0	92	44-145	
Hexachloro-1,3-butadiene	ug/L	ND	50	48.9	98	27-158	
Iodomethane	ug/L	ND	100	64.9	65	10-172	
Isopropylbenzene (Cumene)	ug/L	ND	50	44.0	88	43-148	
Methyl-tert-butyl ether	ug/L	ND	50	51.5	103	38-158	
Methylene Chloride	ug/L	ND	50	48.5	97	33-140	
n-Butylbenzene	ug/L	ND	50	42.5	85	35-142	
n-Hexane	ug/L	ND	50	53.3	107	32-159	N2
n-Propylbenzene	ug/L	ND	50	41.4	83	37-145	
p-Isopropyltoluene	ug/L	ND	50	42.2	84	37-143	
sec-Butylbenzene	ug/L	ND	50	41.5	83	40-144	
Styrene	ug/L	ND	50	45.0	90	37-143	
tert-Butylbenzene	ug/L	ND	50	33.7	67	35-114	
Tetrachloroethene	ug/L	ND	50	44.5	89	41-145	
Toluene	ug/L	ND	50	44.4	89	48-139	
trans-1,2-Dichloroethene	ug/L	ND	50	52.8	106	46-140	
trans-1,3-Dichloropropene	ug/L	ND	50	44.5	89	37-141	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	184	92	10-166	
Trichloroethene	ug/L	5.4	50	53.7	97	43-147	
Trichlorofluoromethane	ug/L	ND	50	54.9	110	39-154	
Vinyl acetate	ug/L	ND	200	131	65	10-181	
Vinyl chloride	ug/L	ND	50	45.2	90	49-153	
Xylene (Total)	ug/L	ND	150	134	89	44-147	
4-Bromofluorobenzene (S)	%.				99	85-114	
Dibromofluoromethane (S)	%.				103	80-122	
Toluene-d8 (S)	%.				97	85-114	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

SAMPLE DUPLICATE: 2480385

Parameter	Units	50243724003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,1-Dichloropropene	ug/L	ND	ND		20	
1,2,3-Trichlorobenzene	ug/L	ND	ND		20	
1,2,3-Trichloropropane	ug/L	ND	ND		20	
1,2,4-Trichlorobenzene	ug/L	ND	ND		20	
1,2,4-Trimethylbenzene	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3,5-Trimethylbenzene	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,3-Dichloropropane	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2,2-Dichloropropane	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Chlorotoluene	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Chlorotoluene	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Acrolein	ug/L	ND	ND		20	
Acrylonitrile	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromobenzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	12.6	3.7J		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Dibromomethane	ug/L	ND	ND		20	
Dichlorodifluoromethane	ug/L	ND	ND		20	
Ethyl methacrylate	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

SAMPLE DUPLICATE: 2480385

Parameter	Units	50243724003 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	ND		20	
Iodomethane	ug/L	ND	ND		20	
Isopropylbenzene (Cumene)	ug/L	ND	ND		20	
Methyl-tert-butyl ether	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
n-Butylbenzene	ug/L	ND	ND		20	
n-Hexane	ug/L	ND	ND		20	N2
n-Propylbenzene	ug/L	ND	ND		20	
p-Isopropyltoluene	ug/L	ND	ND		20	
sec-Butylbenzene	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
tert-Butylbenzene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	ND	ND		20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
trans-1,4-Dichloro-2-butene	ug/L	ND	ND		20	
Trichloroethene	ug/L	5.4	1.1J		20	
Trichlorofluoromethane	ug/L	ND	ND		20	
Vinyl acetate	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	100	99			
Dibromofluoromethane (S)	%.	96	102			
Toluene-d8 (S)	%.	94	93			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535122
QC Batch Method: EPA 3511
Analysis Method: EPA 8270 by SIM 40E
Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50242688001, 50242688013

METHOD BLANK: 2469990 Matrix: Water
Associated Lab Samples: 50242688001, 50242688013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	11/25/19 14:39	BM
2-Methylnaphthalene	ug/L	ND	1.0	11/25/19 14:39	BM
Acenaphthene	ug/L	ND	1.0	11/25/19 14:39	BM
Acenaphthylene	ug/L	ND	1.0	11/25/19 14:39	BM
Anthracene	ug/L	ND	0.10	11/25/19 14:39	BM
Benzo(a)anthracene	ug/L	ND	0.10	11/25/19 14:39	BM
Benzo(a)pyrene	ug/L	ND	0.10	11/25/19 14:39	BM
Benzo(b)fluoranthene	ug/L	ND	0.10	11/25/19 14:39	BM
Benzo(g,h,i)perylene	ug/L	ND	0.10	11/25/19 14:39	BM
Benzo(k)fluoranthene	ug/L	ND	0.10	11/25/19 14:39	BM
Chrysene	ug/L	ND	0.50	11/25/19 14:39	BM
Dibenz(a,h)anthracene	ug/L	ND	0.10	11/25/19 14:39	BM
Fluoranthene	ug/L	ND	1.0	11/25/19 14:39	BM
Fluorene	ug/L	ND	1.0	11/25/19 14:39	BM
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	11/25/19 14:39	BM
Naphthalene	ug/L	ND	1.0	11/25/19 14:39	BM
Phenanthrene	ug/L	ND	1.0	11/25/19 14:39	BM
Pyrene	ug/L	ND	1.0	11/25/19 14:39	BM
2-Fluorobiphenyl (S)	%.	63	55-118	11/25/19 14:39	BM
p-Terphenyl-d14 (S)	%.	111	56-128	11/25/19 14:39	BM

LABORATORY CONTROL SAMPLE: 2469991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	15.5	62	57-113	BM
2-Methylnaphthalene	ug/L	25	13.8	55	54-111	BM
Acenaphthene	ug/L	25	18.5	74	62-109	BM
Acenaphthylene	ug/L	25	23.1	93	70-124	BM
Anthracene	ug/L	25	29.2	117	69-120	BM
Benzo(a)anthracene	ug/L	25	31.5	126	53-138	BM
Benzo(a)pyrene	ug/L	25	27.8	111	57-150	BM
Benzo(b)fluoranthene	ug/L	25	28.9	116	62-138	BM
Benzo(g,h,i)perylene	ug/L	25	26.5	106	40-139	BM
Benzo(k)fluoranthene	ug/L	25	28.9	116	50-151	BM
Chrysene	ug/L	25	26.2	105	45-144	BM
Dibenz(a,h)anthracene	ug/L	25	28.1	113	43-149	BM
Fluoranthene	ug/L	25	30.3	121	57-148	BM
Fluorene	ug/L	25	24.6	98	54-136	BM
Indeno(1,2,3-cd)pyrene	ug/L	25	28.2	113	44-147	BM
Naphthalene	ug/L	25	13.4	54	58-111	BM,L2

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2469991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	25	25.8	103	64-127	BM
Pyrene	ug/L	25	27.8	111	57-131	BM
2-Fluorobiphenyl (S)	%.			46	55-118	BM,S0
p-Terphenyl-d14 (S)	%.			104	56-128	BM

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535273 Analysis Method: EPA 8270 by SIM 40E
QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009

METHOD BLANK: 2470464 Matrix: Water
Associated Lab Samples: 50242688002, 50242688003, 50242688004, 50242688005, 50242688006, 50242688007, 50242688008, 50242688009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	11/25/19 20:19	
2-Methylnaphthalene	ug/L	ND	1.0	11/25/19 20:19	
Acenaphthene	ug/L	ND	1.0	11/25/19 20:19	
Acenaphthylene	ug/L	ND	1.0	11/25/19 20:19	
Anthracene	ug/L	ND	0.10	11/25/19 20:19	
Benzo(a)anthracene	ug/L	ND	0.10	11/25/19 20:19	
Benzo(a)pyrene	ug/L	ND	0.10	11/25/19 20:19	
Benzo(b)fluoranthene	ug/L	ND	0.10	11/25/19 20:19	
Benzo(g,h,i)perylene	ug/L	ND	0.10	11/25/19 20:19	
Benzo(k)fluoranthene	ug/L	ND	0.10	11/25/19 20:19	
Chrysene	ug/L	ND	0.50	11/25/19 20:19	
Dibenz(a,h)anthracene	ug/L	ND	0.10	11/25/19 20:19	
Fluoranthene	ug/L	ND	1.0	11/25/19 20:19	
Fluorene	ug/L	ND	1.0	11/25/19 20:19	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	11/25/19 20:19	
Naphthalene	ug/L	ND	1.0	11/25/19 20:19	
Phenanthrene	ug/L	ND	1.0	11/25/19 20:19	
Pyrene	ug/L	ND	1.0	11/25/19 20:19	
2-Fluorobiphenyl (S)	%.	99	55-118	11/25/19 20:19	
p-Terphenyl-d14 (S)	%.	115	56-128	11/25/19 20:19	

LABORATORY CONTROL SAMPLE: 2470465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	19.2	77	57-113	
2-Methylnaphthalene	ug/L	25	18.3	73	54-111	
Acenaphthene	ug/L	25	19.2	77	62-109	
Acenaphthylene	ug/L	25	22.5	90	70-124	
Anthracene	ug/L	25	24.6	98	69-120	
Benzo(a)anthracene	ug/L	25	25.6	103	53-138	
Benzo(a)pyrene	ug/L	25	26.1	105	57-150	
Benzo(b)fluoranthene	ug/L	25	26.5	106	62-138	
Benzo(g,h,i)perylene	ug/L	25	21.7	87	40-139	
Benzo(k)fluoranthene	ug/L	25	24.6	99	50-151	
Chrysene	ug/L	25	22.8	91	45-144	
Dibenz(a,h)anthracene	ug/L	25	22.6	91	43-149	
Fluoranthene	ug/L	25	25.2	101	57-148	
Fluorene	ug/L	25	22.8	91	54-136	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2470465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	25	22.8	91	44-147	
Naphthalene	ug/L	25	19.0	76	58-111	
Phenanthrene	ug/L	25	23.5	94	64-127	
Pyrene	ug/L	25	24.0	96	57-131	
2-Fluorobiphenyl (S)	%.			92	55-118	
p-Terphenyl-d14 (S)	%.			99	56-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2470466 2470467

Parameter	Units	50242688004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	25	25	19.7	21.9	79	88	49-116	10	20	
2-Methylnaphthalene	ug/L	ND	25	25	18.9	21.6	76	86	53-109	13	20	
Acenaphthene	ug/L	ND	25	25	21.1	22.6	84	90	54-111	7	20	
Acenaphthylene	ug/L	ND	25	25	24.5	26.0	98	104	64-123	6	20	
Anthracene	ug/L	ND	25	25	27.0	28.1	108	112	70-115	4	20	
Benzo(a)anthracene	ug/L	ND	25	25	29.3	29.6	117	118	65-126	1	20	
Benzo(a)pyrene	ug/L	ND	25	25	28.7	29.4	115	118	66-137	2	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	28.0	28.9	112	115	58-138	3	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	23.6	24.0	95	96	50-126	1	20	
Benzo(k)fluoranthene	ug/L	ND	25	25	27.3	28.2	109	113	57-142	3	20	
Chrysene	ug/L	ND	25	25	24.8	24.8	99	99	53-134	0	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	24.7	24.9	99	99	55-135	1	20	
Fluoranthene	ug/L	ND	25	25	28.0	28.3	112	113	68-140	1	20	
Fluorene	ug/L	ND	25	25	25.1	26.5	101	106	59-128	5	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	24.7	25.2	99	101	52-136	2	20	
Naphthalene	ug/L	ND	25	25	19.5	21.5	78	86	50-116	10	20	
Phenanthrene	ug/L	ND	25	25	25.9	26.4	104	105	59-130	2	20	
Pyrene	ug/L	ND	25	25	26.0	27.3	104	109	57-127	5	20	
2-Fluorobiphenyl (S)	%.						85	82	55-118			
p-Terphenyl-d14 (S)	%.						98	94	56-128			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535515
QC Batch Method: EPA 3511
Analysis Method: EPA 8270 by SIM 40E
Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50242688010, 50242688011

METHOD BLANK: 2471363 Matrix: Water
Associated Lab Samples: 50242688010, 50242688011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	11/26/19 21:32	BM
2-Methylnaphthalene	ug/L	ND	1.0	11/26/19 21:32	BM
Acenaphthene	ug/L	ND	1.0	11/26/19 21:32	BM
Acenaphthylene	ug/L	ND	1.0	11/26/19 21:32	BM
Anthracene	ug/L	ND	0.10	11/26/19 21:32	BM
Benzo(a)anthracene	ug/L	ND	0.10	11/26/19 21:32	BM
Benzo(a)pyrene	ug/L	ND	0.10	11/26/19 21:32	BM
Benzo(b)fluoranthene	ug/L	ND	0.10	11/26/19 21:32	BM
Benzo(g,h,i)perylene	ug/L	ND	0.10	11/26/19 21:32	BM
Benzo(k)fluoranthene	ug/L	ND	0.10	11/26/19 21:32	BM
Chrysene	ug/L	ND	0.50	11/26/19 21:32	BM
Dibenz(a,h)anthracene	ug/L	ND	0.10	11/26/19 21:32	BM
Fluoranthene	ug/L	ND	1.0	11/26/19 21:32	BM
Fluorene	ug/L	ND	1.0	11/26/19 21:32	BM
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	11/26/19 21:32	BM
Naphthalene	ug/L	ND	1.0	11/26/19 21:32	BM
Phenanthrene	ug/L	ND	1.0	11/26/19 21:32	BM
Pyrene	ug/L	ND	1.0	11/26/19 21:32	BM
2-Fluorobiphenyl (S)	%.	80	55-118	11/26/19 21:32	BM
p-Terphenyl-d14 (S)	%.	95	56-128	11/26/19 21:32	BM

LABORATORY CONTROL SAMPLE: 2471364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	17.0	68	57-113	BM
2-Methylnaphthalene	ug/L	25	16.7	67	54-111	BM
Acenaphthene	ug/L	25	17.8	71	62-109	BM
Acenaphthylene	ug/L	25	20.2	81	70-124	BM
Anthracene	ug/L	25	22.3	89	69-120	BM
Benzo(a)anthracene	ug/L	25	22.7	91	53-138	BM
Benzo(a)pyrene	ug/L	25	22.8	91	57-150	BM
Benzo(b)fluoranthene	ug/L	25	21.7	87	62-138	BM
Benzo(g,h,i)perylene	ug/L	25	19.1	76	40-139	BM
Benzo(k)fluoranthene	ug/L	25	22.2	89	50-151	BM
Chrysene	ug/L	25	19.9	80	45-144	BM
Dibenz(a,h)anthracene	ug/L	25	20.0	80	43-149	BM
Fluoranthene	ug/L	25	24.3	97	57-148	BM
Fluorene	ug/L	25	21.0	84	54-136	BM
Indeno(1,2,3-cd)pyrene	ug/L	25	20.1	80	44-147	BM
Naphthalene	ug/L	25	17.1	68	58-111	BM

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2471364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	25	21.1	84	64-127	BM
Pyrene	ug/L	25	19.8	79	57-131	BM
2-Fluorobiphenyl (S)	%.			69	55-118	BM
p-Terphenyl-d14 (S)	%.			82	56-128	BM

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535920 Analysis Method: EPA 8270 by SIM 40E
QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006

METHOD BLANK: 2473348 Matrix: Water
Associated Lab Samples: 50242967001, 50242967002, 50242967003, 50242967004, 50242967005, 50242967006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	12/02/19 15:34	BM
2-Methylnaphthalene	ug/L	ND	1.0	12/02/19 15:34	BM
Acenaphthene	ug/L	ND	1.0	12/02/19 15:34	BM
Acenaphthylene	ug/L	ND	1.0	12/02/19 15:34	BM
Anthracene	ug/L	ND	0.10	12/02/19 15:34	BM
Benzo(a)anthracene	ug/L	ND	0.10	12/02/19 15:34	BM
Benzo(a)pyrene	ug/L	ND	0.10	12/02/19 15:34	BM
Benzo(b)fluoranthene	ug/L	ND	0.10	12/02/19 15:34	BM
Benzo(g,h,i)perylene	ug/L	ND	0.10	12/02/19 15:34	BM
Benzo(k)fluoranthene	ug/L	ND	0.10	12/02/19 15:34	BM
Chrysene	ug/L	ND	0.50	12/02/19 15:34	BM
Dibenz(a,h)anthracene	ug/L	ND	0.10	12/02/19 15:34	BM
Fluoranthene	ug/L	ND	1.0	12/02/19 15:34	BM
Fluorene	ug/L	ND	1.0	12/02/19 15:34	BM
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	12/02/19 15:34	BM
Naphthalene	ug/L	ND	1.0	12/02/19 15:34	BM
Phenanthrene	ug/L	ND	1.0	12/02/19 15:34	BM
Pyrene	ug/L	ND	1.0	12/02/19 15:34	BM
2-Fluorobiphenyl (S)	%.	92	55-118	12/02/19 15:34	BM
p-Terphenyl-d14 (S)	%.	115	56-128	12/02/19 15:34	BM

LABORATORY CONTROL SAMPLE: 2473349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	19.8	79	57-113	BM
2-Methylnaphthalene	ug/L	25	20.3	81	54-111	BM
Acenaphthene	ug/L	25	20.6	82	62-109	BM
Acenaphthylene	ug/L	25	23.8	95	70-124	BM
Anthracene	ug/L	25	26.5	106	69-120	BM
Benzo(a)anthracene	ug/L	25	27.4	110	53-138	BM
Benzo(a)pyrene	ug/L	25	27.8	111	57-150	BM
Benzo(b)fluoranthene	ug/L	25	27.4	110	62-138	BM
Benzo(g,h,i)perylene	ug/L	25	22.2	89	40-139	BM
Benzo(k)fluoranthene	ug/L	25	26.2	105	50-151	BM
Chrysene	ug/L	25	24.1	97	45-144	BM
Dibenz(a,h)anthracene	ug/L	25	23.4	93	43-149	BM
Fluoranthene	ug/L	25	29.4	118	57-148	BM
Fluorene	ug/L	25	24.9	99	54-136	BM
Indeno(1,2,3-cd)pyrene	ug/L	25	23.5	94	44-147	BM
Naphthalene	ug/L	25	20.1	80	58-111	BM

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	25	25.0	100	64-127	BM
Pyrene	ug/L	25	23.0	92	57-131	BM
2-Fluorobiphenyl (S)	%.			91	55-118	BM
p-Terphenyl-d14 (S)	%.			97	56-128	BM

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 535996 Analysis Method: EPA 8270 by SIM 40E
QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

METHOD BLANK: 2473530 Matrix: Water
Associated Lab Samples: 50242967007, 50242967008, 50242967009, 50242967010, 50242967011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	12/02/19 19:35	
2-Methylnaphthalene	ug/L	ND	1.0	12/02/19 19:35	
Acenaphthene	ug/L	ND	1.0	12/02/19 19:35	
Acenaphthylene	ug/L	ND	1.0	12/02/19 19:35	
Anthracene	ug/L	ND	0.10	12/02/19 19:35	
Benzo(a)anthracene	ug/L	ND	0.10	12/02/19 19:35	
Benzo(a)pyrene	ug/L	ND	0.10	12/02/19 19:35	
Benzo(b)fluoranthene	ug/L	ND	0.10	12/02/19 19:35	
Benzo(g,h,i)perylene	ug/L	ND	0.10	12/02/19 19:35	
Benzo(k)fluoranthene	ug/L	ND	0.10	12/02/19 19:35	
Chrysene	ug/L	ND	0.50	12/02/19 19:35	
Dibenz(a,h)anthracene	ug/L	ND	0.10	12/02/19 19:35	
Fluoranthene	ug/L	ND	1.0	12/02/19 19:35	
Fluorene	ug/L	ND	1.0	12/02/19 19:35	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	12/02/19 19:35	
Naphthalene	ug/L	ND	1.0	12/02/19 19:35	
Phenanthrene	ug/L	ND	1.0	12/02/19 19:35	
Pyrene	ug/L	ND	1.0	12/02/19 19:35	
2-Fluorobiphenyl (S)	%.	91	55-118	12/02/19 19:35	
p-Terphenyl-d14 (S)	%.	106	56-128	12/02/19 19:35	

LABORATORY CONTROL SAMPLE: 2473531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	21.0	84	57-113	
2-Methylnaphthalene	ug/L	25	21.0	84	54-111	
Acenaphthene	ug/L	25	22.5	90	62-109	
Acenaphthylene	ug/L	25	25.3	101	70-124	
Anthracene	ug/L	25	28.3	113	69-120	
Benzo(a)anthracene	ug/L	25	28.8	115	53-138	
Benzo(a)pyrene	ug/L	25	29.6	118	57-150	
Benzo(b)fluoranthene	ug/L	25	29.0	116	62-138	
Benzo(g,h,i)perylene	ug/L	25	23.8	95	40-139	
Benzo(k)fluoranthene	ug/L	25	29.0	116	50-151	
Chrysene	ug/L	25	25.3	101	45-144	
Dibenz(a,h)anthracene	ug/L	25	25.2	101	43-149	
Fluoranthene	ug/L	25	31.8	127	57-148	
Fluorene	ug/L	25	26.7	107	54-136	
Indeno(1,2,3-cd)pyrene	ug/L	25	25.2	101	44-147	
Naphthalene	ug/L	25	21.3	85	58-111	

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REPORT OF LABORATORY ANALYSIS

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2473531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	25	26.7	107	64-127	
Pyrene	ug/L	25	23.9	96	57-131	
2-Fluorobiphenyl (S)	%.			88	55-118	
p-Terphenyl-d14 (S)	%.			94	56-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2473532 2473533

Parameter	Units	50242967007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	25	25	21.2	22.7	85	91	49-116	7	20	
2-Methylnaphthalene	ug/L	ND	25	25	21.3	22.8	85	91	53-109	7	20	
Acenaphthene	ug/L	ND	25	25	22.9	23.3	92	93	54-111	2	20	
Acenaphthylene	ug/L	ND	25	25	25.8	26.1	103	104	64-123	1	20	
Anthracene	ug/L	ND	25	25	28.3	28.6	113	114	70-115	1	20	
Benzo(a)anthracene	ug/L	ND	25	25	28.6	28.6	114	114	65-126	0	20	
Benzo(a)pyrene	ug/L	ND	25	25	29.9	29.9	120	120	66-137	0	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	29.3	29.4	117	118	58-138	0	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	24.0	24.1	96	96	50-126	0	20	
Benzo(k)fluoranthene	ug/L	ND	25	25	28.8	28.7	115	115	57-142	0	20	
Chrysene	ug/L	ND	25	25	25.8	26.2	103	105	53-134	2	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	25.3	25.3	101	101	55-135	0	20	
Fluoranthene	ug/L	ND	25	25	31.5	31.8	126	127	68-140	1	20	
Fluorene	ug/L	ND	25	25	27.5	27.4	110	110	59-128	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	25.4	25.3	102	101	52-136	0	20	
Naphthalene	ug/L	ND	25	25	21.2	23.0	85	92	50-116	8	20	
Phenanthrene	ug/L	ND	25	25	26.9	26.6	108	106	59-130	1	20	
Pyrene	ug/L	ND	25	25	24.3	24.1	97	96	57-127	1	20	
2-Fluorobiphenyl (S)	%.						89	82	55-118			
p-Terphenyl-d14 (S)	%.						94	94	56-128			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

QC Batch: 537309
QC Batch Method: EPA 3511
Analysis Method: EPA 8270 by SIM 40E
Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50243727001, 50243727002

METHOD BLANK: 2479883 Matrix: Water
Associated Lab Samples: 50243727001, 50243727002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	12/09/19 17:04	
2-Methylnaphthalene	ug/L	ND	1.0	12/09/19 17:04	
Acenaphthene	ug/L	ND	1.0	12/09/19 17:04	
Acenaphthylene	ug/L	ND	1.0	12/09/19 17:04	
Anthracene	ug/L	ND	0.10	12/09/19 17:04	
Benzo(a)anthracene	ug/L	ND	0.10	12/09/19 17:04	
Benzo(a)pyrene	ug/L	ND	0.10	12/09/19 17:04	
Benzo(b)fluoranthene	ug/L	ND	0.10	12/09/19 17:04	
Benzo(g,h,i)perylene	ug/L	ND	0.10	12/09/19 17:04	
Benzo(k)fluoranthene	ug/L	ND	0.10	12/09/19 17:04	
Chrysene	ug/L	ND	0.50	12/09/19 17:04	
Dibenz(a,h)anthracene	ug/L	ND	0.10	12/09/19 17:04	
Fluoranthene	ug/L	ND	1.0	12/09/19 17:04	
Fluorene	ug/L	ND	1.0	12/09/19 17:04	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	12/09/19 17:04	
Naphthalene	ug/L	ND	1.0	12/09/19 17:04	
Phenanthrene	ug/L	ND	1.0	12/09/19 17:04	
Pyrene	ug/L	ND	1.0	12/09/19 17:04	
2-Fluorobiphenyl (S)	%.	100	55-118	12/09/19 17:04	
p-Terphenyl-d14 (S)	%.	104	56-128	12/09/19 17:04	

LABORATORY CONTROL SAMPLE: 2479884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	19.8	79	57-113	
2-Methylnaphthalene	ug/L	25	19.3	77	54-111	
Acenaphthene	ug/L	25	21.6	86	62-109	
Acenaphthylene	ug/L	25	25.5	102	70-124	
Anthracene	ug/L	25	29.2	117	69-120	
Benzo(a)anthracene	ug/L	25	31.0	124	53-138	
Benzo(a)pyrene	ug/L	25	30.4	122	57-150	
Benzo(b)fluoranthene	ug/L	25	29.4	117	62-138	
Benzo(g,h,i)perylene	ug/L	25	27.2	109	40-139	
Benzo(k)fluoranthene	ug/L	25	27.1	109	50-151	
Chrysene	ug/L	25	26.5	106	45-144	
Dibenz(a,h)anthracene	ug/L	25	28.1	112	43-149	
Fluoranthene	ug/L	25	30.1	120	57-148	
Fluorene	ug/L	25	25.5	102	54-136	
Indeno(1,2,3-cd)pyrene	ug/L	25	28.3	113	44-147	
Naphthalene	ug/L	25	20.1	81	58-111	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50242688

LABORATORY CONTROL SAMPLE: 2479884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	25	26.7	107	64-127	
Pyrene	ug/L	25	26.2	105	57-131	
2-Fluorobiphenyl (S)	%.			99	55-118	
p-Terphenyl-d14 (S)	%.			101	56-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479885 2479886

Parameter	Units	50243670002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	25	25	17.7	17.8	71	71	49-116	0	20	
2-Methylnaphthalene	ug/L	ND	25	25	17.0	16.7	68	67	53-109	2	20	
Acenaphthene	ug/L	ND	25	25	20.5	19.9	82	80	54-111	3	20	
Acenaphthylene	ug/L	ND	25	25	24.4	23.7	97	95	64-123	3	20	
Anthracene	ug/L	ND	25	25	27.7	27.5	111	110	70-115	1	20	
Benzo(a)anthracene	ug/L	ND	25	25	30.2	29.3	121	117	65-126	3	20	
Benzo(a)pyrene	ug/L	ND	25	25	28.8	29.4	115	118	66-137	2	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	26.8	28.4	107	114	58-138	6	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	26.2	26.9	105	108	50-126	3	20	
Benzo(k)fluoranthene	ug/L	ND	25	25	26.0	26.3	104	105	57-142	1	20	
Chrysene	ug/L	ND	25	25	25.2	26.3	101	105	53-134	4	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	27.1	27.6	108	110	55-135	2	20	
Fluoranthene	ug/L	ND	25	25	29.4	28.8	118	115	68-140	2	20	
Fluorene	ug/L	ND	25	25	24.8	24.7	99	99	59-128	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	27.3	27.7	109	111	52-136	1	20	
Naphthalene	ug/L	ND	25	25	17.3	17.0	69	68	50-116	2	20	
Phenanthrene	ug/L	ND	25	25	26.5	26.3	106	105	59-130	1	20	
Pyrene	ug/L	ND	25	25	24.9	25.6	99	103	57-127	3	20	
2-Fluorobiphenyl (S)	%.						97	94	55-118			
p-Terphenyl-d14 (S)	%.						95	99	56-128			

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QUALIFIERS

Project: Can Clay Facility
Pace Project No.: 50242688

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I	Pace Analytical Services - Indianapolis

BATCH QUALIFIERS

Batch: 535327

[BM]	Matrix precision data could not be provided for this analytical batch due to insufficient sample volume.

Batch: 535684

[BM]	Matrix precision data could not be provided for this analytical batch due to insufficient sample volume.

Batch: 536123

[BM]	Matrix precision data could not be provided for this analytical batch due to insufficient sample volume.

ANALYTE QUALIFIERS

BM	Matrix precision data could not be provided for this analytical batch due to insufficient sample volume.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50242688001	**B-1**	EPA 3010	535074	EPA 6010	535572
50242688002	**B-3**	EPA 3010	535074	EPA 6010	535572
50242688003	**B-12**	EPA 3010	535074	EPA 6010	535572
50242688004	**B-16**	EPA 3010	535074	EPA 6010	535572
50242688005	**B-17**	EPA 3010	535074	EPA 6010	535572
50242688006	**B-18**	EPA 3010	535074	EPA 6010	535572
50242688007	**B-19**	EPA 3010	535074	EPA 6010	535572
50242688008	**B-20**	EPA 3010	535074	EPA 6010	535572
50242688009	**B-21**	EPA 3010	535074	EPA 6010	535572
50242688010	**B-22**	EPA 3010	535074	EPA 6010	535572
50242688011	**B-23**	EPA 3010	535074	EPA 6010	535572
50242688013	**DUP 5**	EPA 3010	535074	EPA 6010	535572
50242967001	**B-8**	EPA 3010	536008	EPA 6010	536587
50242967002	**B-10**	EPA 3010	536008	EPA 6010	536587
50242967003	**B-13**	EPA 3010	536008	EPA 6010	536587
50242967004	**B-27**	EPA 3010	536008	EPA 6010	536587
50242967005	**B-28**	EPA 3010	536008	EPA 6010	536587
50242967006	**DUP 6**	EPA 3010	536008	EPA 6010	536587
50242967007	**B-29**	EPA 3010	536008	EPA 6010	536587
50242967008	**B-30**	EPA 3010	536008	EPA 6010	536587
50242967009	**B-31**	EPA 3010	536008	EPA 6010	536587
50242967010	**B-24**	EPA 3010	536008	EPA 6010	536587
50242967011	**B-25**	EPA 3010	536008	EPA 6010	536587
50243727001	**B-2**	EPA 3010	537302	EPA 6010	537511
50243727002	**B-11**	EPA 3010	537302	EPA 6010	537511
50242688001	**B-1**	EPA 7470	535219	EPA 7470	535430
50242688002	**B-3**	EPA 7470	535219	EPA 7470	535430
50242688003	**B-12**	EPA 7470	535219	EPA 7470	535430
50242688004	**B-16**	EPA 7470	535219	EPA 7470	535430
50242688005	**B-17**	EPA 7470	535219	EPA 7470	535430
50242688006	**B-18**	EPA 7470	535219	EPA 7470	535430
50242688007	**B-19**	EPA 7470	535219	EPA 7470	535430
50242688008	**B-20**	EPA 7470	535219	EPA 7470	535430
50242688009	**B-21**	EPA 7470	535219	EPA 7470	535430
50242688010	**B-22**	EPA 7470	535219	EPA 7470	535430
50242688011	**B-23**	EPA 7470	535219	EPA 7470	535430
50242688013	**DUP 5**	EPA 7470	535219	EPA 7470	535430
50242967001	**B-8**	EPA 7470	535954	EPA 7470	537280
50242967002	**B-10**	EPA 7470	535954	EPA 7470	537280
50242967003	**B-13**	EPA 7470	535954	EPA 7470	537280
50242967004	**B-27**	EPA 7470	535954	EPA 7470	537280
50242967005	**B-28**	EPA 7470	535954	EPA 7470	537280
50242967006	**DUP 6**	EPA 7470	535954	EPA 7470	537280
50242967007	**B-29**	EPA 7470	535954	EPA 7470	537280
50242967008	**B-30**	EPA 7470	535954	EPA 7470	537280
50242967009	**B-31**	EPA 7470	535954	EPA 7470	537280
50242967010	**B-24**	EPA 7470	535954	EPA 7470	537280

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50242967011	B-25	EPA 7470	535954	EPA 7470	537280
50243727001	B-2	EPA 7470	537513	EPA 7470	537758
50243727002	B-11	EPA 7470	537513	EPA 7470	537758
50242688001	B-1	EPA 3511	535122	EPA 8270 by SIM 40E	535327
50242688002	B-3	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688003	B-12	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688004	B-16	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688005	B-17	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688006	B-18	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688007	B-19	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688008	B-20	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688009	B-21	EPA 3511	535273	EPA 8270 by SIM 40E	535412
50242688010	B-22	EPA 3511	535515	EPA 8270 by SIM 40E	535684
50242688011	B-23	EPA 3511	535515	EPA 8270 by SIM 40E	535684
50242688013	DUP 5	EPA 3511	535122	EPA 8270 by SIM 40E	535327
50242967001	B-8	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967002	B-10	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967003	B-13	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967004	B-27	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967005	B-28	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967006	DUP 6	EPA 3511	535920	EPA 8270 by SIM 40E	536123
50242967007	B-29	EPA 3511	535996	EPA 8270 by SIM 40E	536124
50242967008	B-30	EPA 3511	535996	EPA 8270 by SIM 40E	536124
50242967009	B-31	EPA 3511	535996	EPA 8270 by SIM 40E	536124
50242967010	B-24	EPA 3511	535996	EPA 8270 by SIM 40E	536124
50242967011	B-25	EPA 3511	535996	EPA 8270 by SIM 40E	536124
50243727001	B-2	EPA 3511	537309	EPA 8270 by SIM 40E	537473
50243727002	B-11	EPA 3511	537309	EPA 8270 by SIM 40E	537473
50242688001	B-1	EPA 8260	535868		
50242688002	B-3	EPA 8260	535868		
50242688003	B-12	EPA 8260	535868		
50242688004	B-16	EPA 8260	536056		
50242688005	B-17	EPA 8260	535868		
50242688006	B-18	EPA 8260	535868		
50242688007	B-19	EPA 8260	535868		
50242688008	B-20	EPA 8260	535868		
50242688009	B-21	EPA 8260	536056		
50242688010	B-22	EPA 8260	536056		
50242688011	B-23	EPA 8260	536053		
50242688012	TRIP BLANK5	EPA 8260	536056		
50242688013	DUP 5	EPA 8260	536056		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50242688

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50242967001	**B-8**	EPA 8260	536878		
50242967002	**B-10**	EPA 8260	536878		
50242967003	**B-13**	EPA 8260	536878		
50242967004	**B-27**	EPA 8260	536878		
50242967005	**B-28**	EPA 8260	536878		
50242967006	**DUP 6**	EPA 8260	536878		
50242967007	**B-29**	EPA 8260	536878		
50242967008	**B-30**	EPA 8260	536878		
50242967009	**B-31**	EPA 8260	536878		
50242967010	**B-24**	EPA 8260	536878		
50242967011	**B-25**	EPA 8260	536927		
50243727001	**B-2**	EPA 8260	537469		
50243727002	**B-11**	EPA 8260	537469		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

2256598

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ATC	Report To: Brian Kleeman	Attention:
Address: 6149 Wedeking Ave D2 Evansville, IN 47715	Copy To:	Company Name:
		Address: Same
Email To: Brian.Kleeman@atcgs.com	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Can Clay Facility	Pace Project Manager:
Requested Due Date/TAT: STANDARD	Project Number: 170IRPC08P	Pace Profile #:

REGULATORY AGENCY

- [ ] NPDES
- [x] GROUND WATER
- [ ] DRINKING WATER
- [ ] UST
- [ ] RCRA
- [ ] OTHER

Site Location STATE: IN Lvl IV

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	VOCs 8260	PAHs 8270 SIM	Metals 6010B & 7470	PCBs 8082	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 50242688
1	B-1	W	G	11/19/19	1000				7	X	X		X						X	X	X			001
2	B-3			11/20/19	1155																			002
3	B-12			11/21/19	1440																			003
4	B-16			11/22/19	1055																			004
5	MSMSD 5								14															004 ~~005~~
6	B-17			11/21/19	1230																			005 ~~006~~
7	B-18				855																			006 ~~007~~
8	B-19				1010																	X	dss 112519	007 ~~008~~
9	B-20			11/20/19	1330																			008 ~~009~~
10	B-21				1450																			009 ~~010~~
11																								dss 112519
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
MSMSD 5 from B-16.	Megan Foye / ATC	11/22/19	1845	FedEx	11/22/19	1845				
	FedEx			[signature]	11/23/19	920	1.5	Y	Y	Y
Do not run PCB per Brian 112519 dss										
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Foye

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 11/22/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CHAIN-OF-CUSTODY / Analytical Request Document

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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2256597

Section A Required Client Information:

Company: ATC
Address: 6149 Weddking Ave D2
Evansville, IN 47715
Email To: Brian.Kleeman@atcgs.com
Phone: Fax:
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: Brian Kleeman
Copy To:
Purchase Order No.:
Project Name: Can Clay Facility
Project Number: 170IRPC08P

Section C Invoice Information:

Attention:
Company Name:
Address: Same
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Level IV

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: VOCs 8260	PAHs 8270 SIM	Metals 6010B + 7470	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 502426888
1	B-22	W	G	11/22/19	1600				7	X			X				X		X	X	X		010
2	B-23				1300																		011
3	TRIP BLANK 5			11/19/19	930				3														012
4	DUP 5								7														013
5																							dss 112519
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Level IV	Megan Foye / ATC	11/22/19	1845	FedEx	11/22/19	1845				
	FedEx			Mahi	11/23/19	920	1.5	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Megan Foye
SIGNATURE of SAMPLER: Megan Foye
DATE Signed (MM/DD/YY): 11/22/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Project #: 502426888

Date/Time and Initials of person examining contents: MS 11/23/19 1120

Courier: [x] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace [ ] Other _____

Tracking #: 8139 6379 5217

Custody Seal on Cooler/Box Present: [x] Yes [ ] No **Seals Intact:** [x] Yes [ ] No

Packing Material: [ ] Bubble Wrap [x] Bubble Bags [ ] None [ ] Other _____

Thermometer: 1 2 3 (4) 5 6 A B C D E F **Ice Type:** [x] Wet [ ] Blue [ ] None | Samples collected today and on ice [ ] Yes [ ] No [x] N/A

Cooler Temperature: 1.9 / 1.5 Ice Visible in Sample Containers? [ ] Yes [x] No [ ] N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? [ ] Yes [ ] No [x] N/A

All discrepancies will be written out in the comments section below.

	Yes	No
Are samples from West Virginia? Document any containers out of temp		x
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		x
Chain of Custody Present	x	
Chain of Custody Filled Out	x	
Short Hold Time Analysis (<72hr)?: Analysis:		x
Time 5035A TC placed in Freezer or Short Holds To Lab:		
Rush TAT Requested:		x
Containers Intact?	x	
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	x	
Extra labels on Terracore Vials (soils only)?		x

	Yes	No	N/A
All containers needing acid/base pres. Have been checked? **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: (HNO3) H2SO4 NaOH NaOH/ZnAc	x		
Dissolved Metals field filtered?			x
Headspace Wisconsin Sulfide			x
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			x
Residual Chlorine Check (Total/Amenable/Free Cyanide)			x
Headspace in VOA Vials (>6mm)		x	
Trip Blank Present?	x		
Trip Blank Custody Seals?	x		

Comments: Didn't receive VG9H for sample point B-16

COC PAGE 1 of 2

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H	VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	AG3U	Matrix	pH <2	pH >9	pH>12
1			3				3										1							wt			
2			↓				↓										↓							↓			
3																											
4	MS/MSD		-				9										3										
5	Rare B-116																										
6			3				3										1							wt			
7			↓				↓										↓							↓			
8																							1				
9																											
10																											
11																											
12																											

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

WO# : 50242688

50242688

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1			3			3										1										WT			
2			3			3										1													
3			3																										
4			3			3										1													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: 6149 Wedeking Ave D2 Evansville, IN 47715
Address: Same	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08P
Collected By (print): Megan Foye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: STANDARD
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Container Preservative Type **

Lab Project Manager: 50242967

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:
See SCR

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B/7470	Lab Sample #
B-8	W	G	11/25/19	1140				7	X	X	X	001
B-10	W	G	11/25/19	1345								002
[illegible]												0
B-13			11/25/19	1010								003
B-27				1630								004
B-28				1730								005
DUP 6	W	G	—	—								006
B-29			11/26/19	1025								007
MSMSD6								14				

Customer Remarks / Special Conditions / Possible Hazards: Level IV.

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2467191

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 0
Cooler 1 Temp Upon Receipt: 3.2 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 7.2 oC
Comments:

Relinquished by/Company: (Signature) ATC	Date/Time: 11/26/19 @ 1845	Received by/Company: (Signature) FedEx	Date/Time: 11/26/19 @ 1845
Relinquished by/Company: (Signature) FedEx	Date/Time: 11/27/19 0900	Received by/Company: (Signature)	Date/Time: 11/27/19 0900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: 6149 Wedeking Ave D2 Evansville, IN 47715
Address: Same	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08P
Collected By (print): Megan Foye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: STANDARD
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #: DW Location Code:
	Immediately Packed on Ice: [X] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **

Lab Project Manager: 5024 2967

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270 SIM	RCRA Metals 6010B/7470	LAB USE ONLY: Lab Sample # / Comments:
B-30	W	G	11/26/19	1150				7	X	X	X	008
B-31				1325								009
[redacted]												
B-24				1655								010
B-25				1545								011

Customer Remarks / Special Conditions / Possible Hazards: Level IV Note: B-16 & MSMSD 5 VOC Vials are on previous CoCs.

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2467192

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: D
Cooler 1 Temp Upon Receipt: 1.2 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.2 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Megan Foye /ATC	11/26/19@1845	Fed Ex	11/26/19@1845
Fed Ex	11/27/19 0900		11/27/19 0900

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

0925

SAMPLE CONDITION UPON RECEIPT FORM

Face Analytical

Project #: 50242967

Date/Time and Initials of person examining contents: MP 11/27/19

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 8139 6379 5228

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 A B C D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 1.3°/1.3° Ice Visible in Sample Containers? ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia?		✓	All containers needing acid/base pres. Have been checked? **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: (HNO3) H2SO4 NaOH NaOH/ZnAc	✓		
Document any containers out of temp.						
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓					
Chain of Custody Filled Out:	✓		Dissolved Metals field filtered?			✓
Short Hold Time Analysis (<72hr)?: **Analysis:**		✓	Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab:				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
			Residual Chlorine Check (Total/Amenable/Free Cyanide)			
Rush TAT Requested:		✓	Headspace in VOA Vials (>6mm):		✓	
Containers Intact?:	✓		Trip Blank Present?:		✓	
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?		✓	
Extra labels on Terracore Vials (soils only)?		✓				

Comments: Set of "B-16 & MS/MSD" HCl vials found in cooler. Note on page 2 of COC but no other info.
– MP 11/27

COC PAGE 1 of 2

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	Matrix	pH <2	pH >9	pH>12
1			3			3										1						WT	✓		
2			↓			↓										↓						↓	↓		
3																									
4			3			3										1						WT	✓		
5			↓			↓										↓						↓	↓		
6																							7		
7			↓			↓										↓						↓	✓		
8			9			9										3						↓	↓		
9																									
10																									
11																									
12																									

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

WO# : 50242967

50242967

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H (VG9H)	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	Matrix	pH <2	pH >9	pH>12
1			3			3										1						WT	✓		
2			↓			↓										↓						↓	↓		
3																									
4			3			3										1						WT	✓		
5			↓			↓										↓						↓	↓		
6			~~3~~ JH 11-27																						
7																									
8																									
9																									
10																									
11																									
12																									

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50243727

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC	Billing Information: 1649 Wedeking Ave D2 Evansville, IN 47715
Address: Same	
Report To: Brian Kleeman	Email To: Brian.Kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN / County/City: Cannelton / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: / Email:	Site/Facility ID #: 170IRPC08P / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Megan Faye	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: STANDARD Lvl IV / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [X] No / Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: X VOCs 8260	X PAHs 8270 SIM	X RCRA Metals 6010B/7470	Lab Profile/Line: Lab Sample # / Comments:
B-2	W	G	12/2/19	1500					X	X	X	SEE SCAN 001
B-11	W	G	12/2/19	1530					X	X	X	002

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards: Level IV. Please put with Report from previous weeks.

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2467194

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: [X] N NA

Therm ID#: 4

Cooler 1 Temp Upon Receipt: 0.7 oC

Cooler 1 Therm Corr. Factor: -0.4 oC

Cooler 1 Corrected Temp: 0.3 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
/ ATC	12/5/19 @ 1615	Fed Ex	12/5/19 @ 1615
Fed Ex	12.6.19 0900		12.6.19 0900

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50243727

Date/Time and Initials of person examining contents: MD 12-6-19 1244

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 8139 6384 6303

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals Intact:** ☑ Yes ☐ No

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 (4) 5 6 A B C D E F **Ice Type:** ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 0.7 / 0.3 Ice Visible in Sample Containers? ☐ Yes ☐ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp. is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No
Are samples from West Virginia? Document any containers out of temp.		✓
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Chain of Custody Present:	✓	
Chain of Custody Filled Out:	✓	
Short Hold Time Analysis (<72hr)?: **Analysis:**		✓
Time 5035A TC placed in Freezer or Short Holds To Lab:		
Rush TAT Requested:		✓
Containers Intact?:	✓	
Sample Labels (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		✓
Extra labels on Terracore Vials (soils only)?		N/A

	Yes	No	N/A
All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: (HNO3) H2SO4 NaOH NaOH/ZnAc	✓		✓
Dissolved Metals field filtered?:		✓	
Headspace-Wisconsin Sulfide			✓
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm):		✓	
Trip Blank Present?:		✓	
Trip Blank Custody Seals?:		✓	

Comments: Samples UGQW's 3/3 have ID's but no dates or times, BP3U's no dates or times, Samples DGQW's have ID's on the cups but also no dates or times MD 12.6.19

COC PAGE 1 of 1

Sample Container Count

WO# : 50243727

50243727

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIALS (~6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1			3			3										1										WT	✓		
2			↓			↓										↓										↓	↓		
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
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JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
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BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 21, 2020

Mr. Brian Kleeman
ATC Group Services
6149 Wedeking Avenue, Bldg D
Suite 2
Evansville, IN 47715

RE: Project: Can Clay Facility
Pace Project No.: 50247014

Dear Mr. Kleeman:
Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna S. Spyker

Donna Spyker
donna.spyker@pacelabs.com
(317)228-3100
Project Manager

Enclosures

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Can Clay Facility
Pace Project No.: 50247014

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050
Ohio VAP Certification #: CL0065
Oklahoma Certification #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-19-00257

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Can Clay Facility
Pace Project No.: 50247014

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50247014001	**B-4**	Water	01/14/20 11:55	01/16/20 09:00
50247014002	**B-5**	Water	01/14/20 15:58	01/16/20 09:00
50247014003	**B-6**	Water	01/14/20 16:40	01/16/20 09:00
50247014004	**B-7**	Water	01/14/20 15:15	01/16/20 09:00
50247014005	**B-9**	Water	01/14/20 18:20	01/16/20 09:00
50247014006	**B-14**	Water	01/14/20 17:37	01/16/20 09:00
50247014007	**B-15**	Water	01/14/20 19:05	01/16/20 09:00
50247014008	**B-26**	Water	01/14/20 13:57	01/16/20 09:00
50247014009	**B-32**	Water	01/14/20 08:55	01/16/20 09:00
50247014010	**DUP 7**	Water	01/14/20 08:00	01/16/20 09:00
50247014011	**Trip Blank 7**	Water	01/14/20 08:00	01/16/20 09:00

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SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50247014

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50247014001	**B-4**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014002	**B-5**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014003	**B-6**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014004	**B-7**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014005	**B-9**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014006	**B-14**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014007	**B-15**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014008	**B-26**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014009	**B-32**	EPA 6010	JPK	7	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014010	**DUP 7**	EPA 6010	KJE	7	PASI-I

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Can Clay Facility
Pace Project No.: 50247014

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	ILP	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	CAP	72	PASI-I
50247014011	**Trip Blank 7**	EPA 8260	CAP	72	PASI-I

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Indianapolis, IN 46268
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SUMMARY OF DETECTION

Project: Can Clay Facility
Pace Project No.: 50247014

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50247014001	**B-4**					
EPA 6010	Barium	17.3	ug/L	10.0	01/17/20 23:23	
50247014002	**B-5**					
EPA 6010	Barium	93.1	ug/L	10.0	01/17/20 23:25	
EPA 6010	Chromium	14.6	ug/L	10.0	01/17/20 23:25	
50247014003	**B-6**					
EPA 6010	Barium	64.2	ug/L	10.0	01/17/20 23:03	
50247014004	**B-7**					
EPA 6010	Barium	25.7	ug/L	10.0	01/17/20 23:28	
50247014005	**B-9**					
EPA 6010	Barium	33.3	ug/L	10.0	01/17/20 23:30	
50247014006	**B-14**					
EPA 6010	Barium	10.1	ug/L	10.0	01/17/20 23:32	
EPA 6010	Selenium	13.4	ug/L	10.0	01/17/20 23:32	
50247014007	**B-15**					
EPA 6010	Barium	20.7	ug/L	10.0	01/17/20 23:35	
50247014008	**B-26**					
EPA 6010	Barium	36.9	ug/L	10.0	01/17/20 23:37	
50247014009	**B-32**					
EPA 6010	Arsenic	41.3	ug/L	10.0	01/17/20 23:39	
EPA 6010	Barium	84.9	ug/L	10.0	01/17/20 23:39	
EPA 6010	Chromium	17.6	ug/L	10.0	01/17/20 23:39	
EPA 6010	Lead	20.9	ug/L	10.0	01/17/20 23:39	
EPA 8270 by SIM 40E	1-Methylnaphthalene	25.8	ug/L	1.0	01/20/20 19:08	
EPA 8270 by SIM 40E	2-Methylnaphthalene	44.0	ug/L	1.0	01/20/20 19:08	
EPA 8270 by SIM 40E	Naphthalene	64.7	ug/L	1.0	01/20/20 19:08	
EPA 8260	n-Butylbenzene	20.1	ug/L	5.0	01/17/20 23:20	
EPA 8260	Ethylbenzene	34.8	ug/L	5.0	01/17/20 23:20	
EPA 8260	n-Hexane	145	ug/L	5.0	01/17/20 23:20	N2
EPA 8260	n-Propylbenzene	18.3	ug/L	5.0	01/17/20 23:20	
EPA 8260	1,2,4-Trimethylbenzene	132	ug/L	5.0	01/17/20 23:20	
EPA 8260	1,3,5-Trimethylbenzene	43.6	ug/L	5.0	01/17/20 23:20	
EPA 8260	Xylene (Total)	74.8	ug/L	10.0	01/17/20 23:20	
50247014010	**DUP 7**					
EPA 6010	Barium	27.4	ug/L	10.0	01/21/20 08:57	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-4 **Lab ID: 50247014001** Collected: 01/14/20 11:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7440-38-2	
Barium	**17.3**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:23	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:23	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:35	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 17:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:21	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:21	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	93	%.	55-118	1	01/20/20 13:50	01/20/20 17:21	321-60-8	
p-Terphenyl-d14 (S)	116	%.	56-128	1	01/20/20 13:50	01/20/20 17:21	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 18:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 18:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 18:58	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 18:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 18:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 18:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 18:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 18:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 18:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	104-51-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-4 **Lab ID: 50247014001** Collected: 01/14/20 11:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 18:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 18:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 18:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 18:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 18:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 18:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 18:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 18:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 18:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 18:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 18:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 18:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 18:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 18:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 18:58	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 18:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 18:58	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 18:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 18:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 18:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 18:58	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 18:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 18:58	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	87-61-6	

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7726 Moller Road
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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-4 **Lab ID: 50247014001** Collected: 01/14/20 11:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 18:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 18:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 18:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 18:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 18:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 18:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	80-122	1		01/17/20 18:58	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-114	1		01/17/20 18:58	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		01/17/20 18:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-5 **Lab ID: 50247014002** Collected: 01/14/20 15:58 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7440-38-2	
Barium	**93.1**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:25	7440-43-9	
Chromium	**14.6**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:25	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:38	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 17:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:32	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:32	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	89	%.	55-118	1	01/20/20 13:50	01/20/20 17:32	321-60-8	
p-Terphenyl-d14 (S)	114	%.	56-128	1	01/20/20 13:50	01/20/20 17:32	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 19:30	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 19:30	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 19:30	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 19:30	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 19:30	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 19:30	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 19:30	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 19:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 19:30	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	104-51-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-5 **Lab ID: 50247014002** Collected: 01/14/20 15:58 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 19:30	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 19:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 19:30	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 19:30	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 19:30	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 19:30	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 19:30	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 19:30	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 19:30	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 19:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 19:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 19:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 19:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 19:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 19:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 19:30	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 19:30	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 19:30	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 19:30	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 19:30	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 19:30	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 19:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 19:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 19:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 19:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 19:30	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 19:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 19:30	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 19:30	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 19:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-5 **Lab ID: 50247014002** Collected: 01/14/20 15:58 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 19:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 19:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 19:30	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 19:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 19:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 19:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 19:30	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 19:30	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 19:30	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 19:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	80-122	1		01/17/20 19:30	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	85-114	1		01/17/20 19:30	460-00-4	
Toluene-d8 (S)	100	%.	85-114	1		01/17/20 19:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-6 **Lab ID: 50247014003** Collected: 01/14/20 16:40 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7440-38-2	
Barium	**64.2**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:03	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:03	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:40	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	120-12-7	M1
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 17:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 17:42	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 17:42	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	95	%.	55-118	1	01/20/20 13:50	01/20/20 17:42	321-60-8	
p-Terphenyl-d14 (S)	118	%.	56-128	1	01/20/20 13:50	01/20/20 17:42	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 20:03	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 20:03	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 20:03	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 20:03	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 20:03	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 20:03	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 20:03	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 20:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 20:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 20:03	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-6 **Lab ID: 50247014003** Collected: 01/14/20 16:40 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 20:03	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 20:03	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 20:03	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 20:03	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 20:03	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 20:03	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 20:03	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 20:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 20:03	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 20:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 20:03	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 20:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 20:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 20:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:03	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 20:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 20:03	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 20:03	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 20:03	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 20:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 20:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 20:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 20:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 20:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 20:03	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 20:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 20:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 20:03	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 20:03	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 20:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-6 **Lab ID: 50247014003** Collected: 01/14/20 16:40 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 20:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 20:03	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 20:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 20:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 20:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 20:03	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 20:03	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 20:03	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 20:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	80-122	1		01/17/20 20:03	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		01/17/20 20:03	460-00-4	
Toluene-d8 (S)	100	%.	85-114	1		01/17/20 20:03	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-7 **Lab ID: 50247014004** Collected: 01/14/20 15:15 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7440-38-2	
Barium	**25.7**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:28	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:28	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:48	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 18:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:14	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	89	%.	55-118	1	01/20/20 13:50	01/20/20 18:14	321-60-8	
p-Terphenyl-d14 (S)	117	%.	56-128	1	01/20/20 13:50	01/20/20 18:14	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 20:36	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 20:36	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 20:36	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 20:36	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 20:36	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 20:36	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 20:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 20:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 20:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 20:36	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	104-51-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-7 **Lab ID: 50247014004** Collected: 01/14/20 15:15 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 20:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 20:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 20:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 20:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 20:36	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 20:36	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 20:36	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 20:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 20:36	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 20:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 20:36	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 20:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 20:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 20:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 20:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 20:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 20:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 20:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 20:36	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 20:36	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 20:36	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 20:36	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 20:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 20:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 20:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 20:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 20:36	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 20:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 20:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 20:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 20:36	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 20:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	87-61-6	

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Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-7 **Lab ID: 50247014004** Collected: 01/14/20 15:15 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 20:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 20:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 20:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 20:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 20:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 20:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 20:36	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 20:36	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 20:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 20:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	80-122	1		01/17/20 20:36	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		01/17/20 20:36	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		01/17/20 20:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-9 **Lab ID: 50247014005** Collected: 01/14/20 18:20 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7440-38-2	
Barium	**33.3**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:30	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:30	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:55	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 18:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:25	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	96	%.	55-118	1	01/20/20 13:50	01/20/20 18:25	321-60-8	
p-Terphenyl-d14 (S)	118	%.	56-128	1	01/20/20 13:50	01/20/20 18:25	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 21:09	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 21:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 21:09	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 21:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 21:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 21:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 21:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 21:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 21:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 21:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-9 **Lab ID: 50247014005** Collected: 01/14/20 18:20 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 21:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 21:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 21:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 21:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 21:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 21:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 21:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 21:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 21:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 21:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 21:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 21:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 21:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 21:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 21:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 21:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 21:09	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 21:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 21:09	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 21:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 21:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 21:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 21:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 21:09	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 21:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 21:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 21:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 21:09	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 21:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-9 **Lab ID: 50247014005** Collected: 01/14/20 18:20 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 21:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 21:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 21:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 21:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 21:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 21:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 21:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 21:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 21:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	80-122	1		01/17/20 21:09	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		01/17/20 21:09	460-00-4	
Toluene-d8 (S)	100	%.	85-114	1		01/17/20 21:09	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-14 **Lab ID: 50247014006** Collected: 01/14/20 17:37 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7440-38-2	
Barium	**10.1**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:32	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7439-92-1	
Selenium	**13.4**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:32	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 08:57	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	83-32-9	
Acenaphthylene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	208-96-8	
Anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	207-08-9	
Chrysene	ND	ug/L	0.57	1	01/20/20 13:50	01/20/20 18:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	53-70-3	
Fluoranthene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	206-44-0	
Fluorene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:36	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	91-57-6	
Naphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	91-20-3	
Phenanthrene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	85-01-8	
Pyrene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	90	%.	55-118	1	01/20/20 13:50	01/20/20 18:36	321-60-8	
p-Terphenyl-d14 (S)	117	%.	56-128	1	01/20/20 13:50	01/20/20 18:36	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 21:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 21:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 21:42	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 21:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 21:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 21:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 21:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 21:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 21:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 21:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-14 **Lab ID: 50247014006** Collected: 01/14/20 17:37 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 21:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 21:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 21:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 21:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 21:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 21:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 21:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 21:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 21:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 21:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 21:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 21:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 21:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 21:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 21:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 21:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 21:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 21:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 21:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 21:42	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 21:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 21:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 21:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 21:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 21:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 21:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 21:42	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 21:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 21:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 21:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 21:42	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 21:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	87-61-6	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-14 **Lab ID: 50247014006** Collected: 01/14/20 17:37 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 21:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 21:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 21:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 21:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 21:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 21:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 21:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 21:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 21:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 21:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	80-122	1		01/17/20 21:42	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	85-114	1		01/17/20 21:42	460-00-4	
Toluene-d8 (S)	101	%.	85-114	1		01/17/20 21:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-15 **Lab ID: 50247014007** Collected: 01/14/20 19:05 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7440-38-2	
Barium	**20.7**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:35	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:35	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 09:00	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 18:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 18:46	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 18:46	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	94	%.	55-118	1	01/20/20 13:50	01/20/20 18:46	321-60-8	
p-Terphenyl-d14 (S)	119	%.	56-128	1	01/20/20 13:50	01/20/20 18:46	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 22:14	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 22:14	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 22:14	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 22:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 22:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 22:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 22:14	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 22:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 22:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 22:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	104-51-8	

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7726 Moller Road
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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-15 **Lab ID: 50247014007** Collected: 01/14/20 19:05 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 22:14	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 22:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 22:14	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 22:14	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 22:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 22:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 22:14	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 22:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 22:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 22:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 22:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 22:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 22:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 22:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:14	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 22:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 22:14	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 22:14	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 22:14	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 22:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 22:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 22:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 22:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 22:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 22:14	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 22:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 22:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 22:14	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 22:14	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 22:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	87-61-6	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-15 **Lab ID: 50247014007** Collected: 01/14/20 19:05 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 22:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 22:14	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 22:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 22:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 22:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 22:14	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 22:14	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 22:14	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 22:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	80-122	1		01/17/20 22:14	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		01/17/20 22:14	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		01/17/20 22:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-26 **Lab ID: 50247014008** Collected: 01/14/20 13:57 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7440-38-2	
Barium	**36.9**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:37	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7440-47-3	
Lead	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:37	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 09:02	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	83-32-9	
Acenaphthylene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	208-96-8	
Anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	207-08-9	
Chrysene	ND	ug/L	0.54	1	01/20/20 13:50	01/20/20 18:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	53-70-3	
Fluoranthene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	206-44-0	
Fluorene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1	01/20/20 13:50	01/20/20 18:57	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	91-57-6	
Naphthalene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	91-20-3	
Phenanthrene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	85-01-8	
Pyrene	ND	ug/L	1.1	1	01/20/20 13:50	01/20/20 18:57	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	94	%.	55-118	1	01/20/20 13:50	01/20/20 18:57	321-60-8	
p-Terphenyl-d14 (S)	118	%.	56-128	1	01/20/20 13:50	01/20/20 18:57	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 22:47	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 22:47	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 22:47	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 22:47	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 22:47	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 22:47	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 22:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 22:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 22:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 22:47	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	104-51-8	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-26 **Lab ID: 50247014008** Collected: 01/14/20 13:57 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 22:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 22:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 22:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 22:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 22:47	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 22:47	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 22:47	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 22:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 22:47	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 22:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 22:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 22:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 22:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 22:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 22:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 22:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 22:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 22:47	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 22:47	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 22:47	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 22:47	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 22:47	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 22:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 22:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 22:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 22:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 22:47	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 22:47	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 22:47	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 22:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	87-61-6	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-26 **Lab ID: 50247014008** Collected: 01/14/20 13:57 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 22:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 22:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 22:47	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 22:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 22:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 22:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 22:47	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 22:47	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 22:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 22:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	80-122	1		01/17/20 22:47	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		01/17/20 22:47	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		01/17/20 22:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-32 **Lab ID: 50247014009** Collected: 01/14/20 08:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**41.3**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7440-38-2	
Barium	**84.9**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/17/20 07:35	01/17/20 23:39	7440-43-9	
Chromium	**17.6**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7440-47-3	
Lead	**20.9**	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7782-49-2	
Silver	ND	ug/L	10.0	1	01/17/20 07:35	01/17/20 23:39	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 09:05	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:08	193-39-5	
1-Methylnaphthalene	**25.8**	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	90-12-0	
2-Methylnaphthalene	**44.0**	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	91-57-6	
Naphthalene	**64.7**	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:08	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	55-118	1	01/20/20 13:50	01/20/20 19:08	321-60-8	
p-Terphenyl-d14 (S)	116	%.	56-128	1	01/20/20 13:50	01/20/20 19:08	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 23:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 23:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 23:20	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 23:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 23:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 23:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 23:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 23:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 23:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 23:20	78-93-3	
n-Butylbenzene	**20.1**	ug/L	5.0	1		01/17/20 23:20	104-51-8	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-32 **Lab ID: 50247014009** Collected: 01/14/20 08:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 23:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 23:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 23:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 23:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 23:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 23:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 23:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 23:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 23:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 23:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 23:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 23:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 23:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 23:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 23:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 23:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:20	10061-02-6	
Ethylbenzene	**34.8**	ug/L	5.0	1		01/17/20 23:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 23:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 23:20	87-68-3	
n-Hexane	**145**	ug/L	5.0	1		01/17/20 23:20	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 23:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 23:20	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 23:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 23:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 23:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 23:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 23:20	1634-04-4	
n-Propylbenzene	**18.3**	ug/L	5.0	1		01/17/20 23:20	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 23:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 23:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 23:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 23:20	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 23:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	87-61-6	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: B-32 **Lab ID: 50247014009** Collected: 01/14/20 08:55 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 23:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 23:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 23:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 23:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 23:20	96-18-4	
1,2,4-Trimethylbenzene	**132**	ug/L	5.0	1		01/17/20 23:20	95-63-6	
1,3,5-Trimethylbenzene	**43.6**	ug/L	5.0	1		01/17/20 23:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 23:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 23:20	75-01-4	
Xylene (Total)	**74.8**	ug/L	10.0	1		01/17/20 23:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	80-122	1		01/17/20 23:20	1868-53-7	
4-Bromofluorobenzene (S)	104	%.	85-114	1		01/17/20 23:20	460-00-4	
Toluene-d8 (S)	103	%.	85-114	1		01/17/20 23:20	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: DUP 7 **Lab ID: 50247014010** Collected: 01/14/20 08:00 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7440-38-2	
Barium	**27.4**	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7440-39-3	
Cadmium	ND	ug/L	2.0	1	01/20/20 13:05	01/21/20 08:57	7440-43-9	
Chromium	ND	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7440-47-3	
Lead	ND	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7439-92-1	
Selenium	ND	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7782-49-2	
Silver	ND	ug/L	10.0	1	01/20/20 13:05	01/21/20 08:57	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	01/17/20 00:02	01/17/20 09:07	7439-97-6	
8270 PAH by 3511	Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511							
Acenaphthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	208-96-8	
Anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/20/20 13:50	01/20/20 19:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	206-44-0	
Fluorene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/20/20 13:50	01/20/20 19:19	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	91-57-6	
Naphthalene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	85-01-8	
Pyrene	ND	ug/L	1.0	1	01/20/20 13:50	01/20/20 19:19	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	87	%.	55-118	1	01/20/20 13:50	01/20/20 19:19	321-60-8	
p-Terphenyl-d14 (S)	119	%.	56-128	1	01/20/20 13:50	01/20/20 19:19	1718-51-0	
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/17/20 23:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/17/20 23:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/17/20 23:53	107-13-1	
Benzene	ND	ug/L	5.0	1		01/17/20 23:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/17/20 23:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/17/20 23:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/17/20 23:53	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/17/20 23:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/17/20 23:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/17/20 23:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	104-51-8	

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(317)228-3100

ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: DUP 7 **Lab ID: 50247014010** Collected: 01/14/20 08:00 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/17/20 23:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/17/20 23:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/17/20 23:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/17/20 23:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/17/20 23:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 23:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/17/20 23:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/17/20 23:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/17/20 23:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/17/20 23:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/17/20 23:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/17/20 23:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/17/20 23:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/17/20 23:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/17/20 23:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/17/20 23:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/17/20 23:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/17/20 23:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/17/20 23:53	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/17/20 23:53	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/17/20 23:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/17/20 23:53	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/17/20 23:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/17/20 23:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/17/20 23:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/17/20 23:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/17/20 23:53	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	103-65-1	
Styrene	ND	ug/L	5.0	1		01/17/20 23:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 23:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/17/20 23:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/17/20 23:53	127-18-4	
Toluene	ND	ug/L	5.0	1		01/17/20 23:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	87-61-6	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: DUP 7 **Lab ID: 50247014010** Collected: 01/14/20 08:00 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/17/20 23:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/17/20 23:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/17/20 23:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/17/20 23:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/17/20 23:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/17/20 23:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/17/20 23:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/17/20 23:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/17/20 23:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/17/20 23:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	80-122	1		01/17/20 23:53	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-114	1		01/17/20 23:53	460-00-4	
Toluene-d8 (S)	101	%.	85-114	1		01/17/20 23:53	2037-26-5	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: Trip Blank 7 **Lab ID: 50247014011** Collected: 01/14/20 08:00 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		01/18/20 00:26	67-64-1	
Acrolein	ND	ug/L	50.0	1		01/18/20 00:26	107-02-8	
Acrylonitrile	ND	ug/L	100	1		01/18/20 00:26	107-13-1	
Benzene	ND	ug/L	5.0	1		01/18/20 00:26	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/18/20 00:26	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/18/20 00:26	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/18/20 00:26	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/18/20 00:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/18/20 00:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		01/18/20 00:26	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		01/18/20 00:26	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		01/18/20 00:26	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	108-90-7	
Chloroethane	ND	ug/L	5.0	1		01/18/20 00:26	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/18/20 00:26	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/18/20 00:26	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/18/20 00:26	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/18/20 00:26	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		01/18/20 00:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/18/20 00:26	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/18/20 00:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		01/18/20 00:26	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/18/20 00:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/18/20 00:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/18/20 00:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/18/20 00:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/18/20 00:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/18/20 00:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/18/20 00:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/18/20 00:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/18/20 00:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/18/20 00:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/18/20 00:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/18/20 00:26	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		01/18/20 00:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/18/20 00:26	87-68-3	
n-Hexane	ND	ug/L	5.0	1		01/18/20 00:26	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		01/18/20 00:26	591-78-6	
Iodomethane	ND	ug/L	10.0	1		01/18/20 00:26	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/18/20 00:26	98-82-8	

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ANALYTICAL RESULTS

Project: Can Clay Facility
Pace Project No.: 50247014

Sample: Trip Blank 7 **Lab ID: 50247014011** Collected: 01/14/20 08:00 Received: 01/16/20 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5030 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		01/18/20 00:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/18/20 00:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		01/18/20 00:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/18/20 00:26	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	103-65-1	
Styrene	ND	ug/L	5.0	1		01/18/20 00:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/18/20 00:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/18/20 00:26	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/18/20 00:26	127-18-4	
Toluene	ND	ug/L	5.0	1		01/18/20 00:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/18/20 00:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/18/20 00:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/18/20 00:26	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/18/20 00:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		01/18/20 00:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/18/20 00:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/18/20 00:26	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		01/18/20 00:26	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		01/18/20 00:26	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		01/18/20 00:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	80-122	1		01/18/20 00:26	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	85-114	1		01/18/20 00:26	460-00-4	
Toluene-d8 (S)	99	%.	85-114	1		01/18/20 00:26	2037-26-5	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

QC Batch: 543236 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010

METHOD BLANK: 2506389 Matrix: Water
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	01/17/20 08:26	

LABORATORY CONTROL SAMPLE: 2506390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2506391 2506392

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	5.2	101	103	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2506393 2506394

Parameter	Units	50247027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	4.9	96	98	75-125	2	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

QC Batch: 543215 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009

METHOD BLANK: 2506243 Matrix: Water
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	01/17/20 22:55	
Barium	ug/L	ND	10.0	01/17/20 22:55	
Cadmium	ug/L	ND	2.0	01/17/20 22:55	
Chromium	ug/L	ND	10.0	01/17/20 22:55	
Lead	ug/L	ND	10.0	01/17/20 22:55	
Selenium	ug/L	ND	10.0	01/17/20 22:55	
Silver	ug/L	ND	10.0	01/17/20 22:55	

LABORATORY CONTROL SAMPLE: 2506244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	970	97	80-120	
Barium	ug/L	1000	956	96	80-120	
Cadmium	ug/L	1000	946	95	80-120	
Chromium	ug/L	1000	996	100	80-120	
Lead	ug/L	1000	993	99	80-120	
Selenium	ug/L	1000	972	97	80-120	
Silver	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2506245 2506246

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	968	971	97	97	75-125	0	20	
Barium	ug/L	64.2	1000	1000	1010	1000	94	94	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	928	929	93	93	75-125	0	20	
Chromium	ug/L	ND	1000	1000	973	988	97	99	75-125	2	20	
Lead	ug/L	ND	1000	1000	961	959	96	96	75-125	0	20	
Selenium	ug/L	ND	1000	1000	960	960	96	96	75-125	0	20	
Silver	ug/L	ND	500	500	468	468	93	94	75-125	0	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

QC Batch: 543256
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 50247014010

METHOD BLANK: 2506437
Matrix: Water
Associated Lab Samples: 50247014010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	01/21/20 08:52	
Barium	ug/L	ND	10.0	01/21/20 08:52	
Cadmium	ug/L	ND	2.0	01/21/20 08:52	
Chromium	ug/L	ND	10.0	01/21/20 08:52	
Lead	ug/L	ND	10.0	01/21/20 08:52	
Selenium	ug/L	ND	10.0	01/21/20 08:52	
Silver	ug/L	ND	10.0	01/21/20 08:52	

LABORATORY CONTROL SAMPLE: 2506438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	976	98	80-120	
Barium	ug/L	1000	998	100	80-120	
Cadmium	ug/L	1000	991	99	80-120	
Chromium	ug/L	1000	981	98	80-120	
Lead	ug/L	1000	1010	101	80-120	
Selenium	ug/L	1000	994	99	80-120	
Silver	ug/L	500	491	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2506439 2506440

Parameter	Units	50246598003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	1000	1000	979	961	98	96	75-125	2	20	
Barium	ug/L	121	1000	1000	1130	1100	101	98	75-125	2	20	
Cadmium	ug/L	ND	1000	1000	995	977	99	98	75-125	2	20	
Chromium	ug/L	8.6J	1000	1000	990	979	98	97	75-125	1	20	
Lead	ug/L	14.2	1000	1000	996	980	98	97	75-125	2	20	
Selenium	ug/L	ND	1000	1000	994	981	99	98	75-125	1	20	
Silver	ug/L	ND	500	500	497	486	99	97	75-125	2	20	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

QC Batch: 543385 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010, 50247014011

METHOD BLANK: 2507152 Matrix: Water
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010, 50247014011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,1,1-Trichloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,1,2-Trichloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,1-Dichloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,1-Dichloroethene	ug/L	ND	5.0	01/17/20 16:14	
1,1-Dichloropropene	ug/L	ND	5.0	01/17/20 16:14	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
1,2,3-Trichloropropane	ug/L	ND	5.0	01/17/20 16:14	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	01/17/20 16:14	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	01/17/20 16:14	
1,2-Dichlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
1,2-Dichloroethane	ug/L	ND	5.0	01/17/20 16:14	
1,2-Dichloropropane	ug/L	ND	5.0	01/17/20 16:14	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	01/17/20 16:14	
1,3-Dichlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
1,3-Dichloropropane	ug/L	ND	5.0	01/17/20 16:14	
1,4-Dichlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
2,2-Dichloropropane	ug/L	ND	5.0	01/17/20 16:14	
2-Butanone (MEK)	ug/L	ND	25.0	01/17/20 16:14	
2-Chlorotoluene	ug/L	ND	5.0	01/17/20 16:14	
2-Hexanone	ug/L	ND	25.0	01/17/20 16:14	
4-Chlorotoluene	ug/L	ND	5.0	01/17/20 16:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	01/17/20 16:14	
Acetone	ug/L	ND	100	01/17/20 16:14	
Acrolein	ug/L	ND	50.0	01/17/20 16:14	
Acrylonitrile	ug/L	ND	100	01/17/20 16:14	
Benzene	ug/L	ND	5.0	01/17/20 16:14	
Bromobenzene	ug/L	ND	5.0	01/17/20 16:14	
Bromochloromethane	ug/L	ND	5.0	01/17/20 16:14	
Bromodichloromethane	ug/L	ND	5.0	01/17/20 16:14	
Bromoform	ug/L	ND	5.0	01/17/20 16:14	
Bromomethane	ug/L	ND	5.0	01/17/20 16:14	
Carbon disulfide	ug/L	ND	10.0	01/17/20 16:14	
Carbon tetrachloride	ug/L	ND	5.0	01/17/20 16:14	
Chlorobenzene	ug/L	ND	5.0	01/17/20 16:14	
Chloroethane	ug/L	ND	5.0	01/17/20 16:14	
Chloroform	ug/L	ND	5.0	01/17/20 16:14	
Chloromethane	ug/L	ND	5.0	01/17/20 16:14	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

METHOD BLANK: 2507152 Matrix: Water

Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010, 50247014011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	01/17/20 16:14	
cis-1,3-Dichloropropene	ug/L	ND	5.0	01/17/20 16:14	
Dibromochloromethane	ug/L	ND	5.0	01/17/20 16:14	
Dibromomethane	ug/L	ND	5.0	01/17/20 16:14	
Dichlorodifluoromethane	ug/L	ND	5.0	01/17/20 16:14	
Ethyl methacrylate	ug/L	ND	100	01/17/20 16:14	
Ethylbenzene	ug/L	ND	5.0	01/17/20 16:14	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	01/17/20 16:14	
Iodomethane	ug/L	ND	10.0	01/17/20 16:14	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	01/17/20 16:14	
Methyl-tert-butyl ether	ug/L	ND	4.0	01/17/20 16:14	
Methylene Chloride	ug/L	ND	5.0	01/17/20 16:14	
n-Butylbenzene	ug/L	ND	5.0	01/17/20 16:14	
n-Hexane	ug/L	ND	5.0	01/17/20 16:14	N2
n-Propylbenzene	ug/L	ND	5.0	01/17/20 16:14	
p-Isopropyltoluene	ug/L	ND	5.0	01/17/20 16:14	
sec-Butylbenzene	ug/L	ND	5.0	01/17/20 16:14	
Styrene	ug/L	ND	5.0	01/17/20 16:14	
tert-Butylbenzene	ug/L	ND	5.0	01/17/20 16:14	
Tetrachloroethene	ug/L	ND	5.0	01/17/20 16:14	
Toluene	ug/L	ND	5.0	01/17/20 16:14	
trans-1,2-Dichloroethene	ug/L	ND	5.0	01/17/20 16:14	
trans-1,3-Dichloropropene	ug/L	ND	5.0	01/17/20 16:14	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	01/17/20 16:14	
Trichloroethene	ug/L	ND	5.0	01/17/20 16:14	
Trichlorofluoromethane	ug/L	ND	5.0	01/17/20 16:14	
Vinyl acetate	ug/L	ND	50.0	01/17/20 16:14	
Vinyl chloride	ug/L	ND	2.0	01/17/20 16:14	
Xylene (Total)	ug/L	ND	10.0	01/17/20 16:14	
4-Bromofluorobenzene (S)	%.	100	85-114	01/17/20 16:14	
Dibromofluoromethane (S)	%.	99	80-122	01/17/20 16:14	
Toluene-d8 (S)	%.	101	85-114	01/17/20 16:14	

LABORATORY CONTROL SAMPLE: 2507153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	78-120	
1,1,1-Trichloroethane	ug/L	50	47.7	95	72-127	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	70-124	
1,1,2-Trichloroethane	ug/L	50	47.3	95	79-121	
1,1-Dichloroethane	ug/L	50	52.9	106	70-119	
1,1-Dichloroethene	ug/L	50	47.5	95	71-126	
1,1-Dichloropropene	ug/L	50	45.6	91	76-122	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

LABORATORY CONTROL SAMPLE: 2507153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	71-126	
1,2,3-Trichloropropane	ug/L	50	51.5	103	75-119	
1,2,4-Trichlorobenzene	ug/L	50	56.5	113	68-130	
1,2,4-Trimethylbenzene	ug/L	50	51.9	104	79-117	
1,2-Dibromoethane (EDB)	ug/L	50	52.2	104	81-119	
1,2-Dichlorobenzene	ug/L	50	49.1	98	78-114	
1,2-Dichloroethane	ug/L	50	50.0	100	68-119	
1,2-Dichloropropane	ug/L	50	47.3	95	79-126	
1,3,5-Trimethylbenzene	ug/L	50	51.6	103	78-118	
1,3-Dichlorobenzene	ug/L	50	49.7	99	77-114	
1,3-Dichloropropane	ug/L	50	55.7	111	82-124	
1,4-Dichlorobenzene	ug/L	50	49.7	99	77-111	
2,2-Dichloropropane	ug/L	50	48.4	97	53-137	
2-Butanone (MEK)	ug/L	250	287	115	62-140	
2-Chlorotoluene	ug/L	50	52.5	105	76-120	
2-Hexanone	ug/L	250	281	112	62-143	
4-Chlorotoluene	ug/L	50	52.8	106	78-114	
4-Methyl-2-pentanone (MIBK)	ug/L	250	274	109	60-143	
Acetone	ug/L	250	250	100	44-156	
Acrolein	ug/L	1000	925	93	17-189	
Acrylonitrile	ug/L	200	183	91	58-139	
Benzene	ug/L	50	49.6	99	78-117	
Bromobenzene	ug/L	50	53.0	106	76-114	
Bromochloromethane	ug/L	50	52.5	105	70-122	
Bromodichloromethane	ug/L	50	45.4	91	72-121	
Bromoform	ug/L	50	40.9	82	66-117	
Bromomethane	ug/L	50	45.0	90	20-176	
Carbon disulfide	ug/L	50	50.8	102	65-124	
Carbon tetrachloride	ug/L	50	44.6	89	68-132	
Chlorobenzene	ug/L	50	51.2	102	79-113	
Chloroethane	ug/L	50	46.7	93	62-140	
Chloroform	ug/L	50	45.3	91	73-118	
Chloromethane	ug/L	50	40.3	81	36-132	
cis-1,2-Dichloroethene	ug/L	50	45.9	92	74-122	
cis-1,3-Dichloropropene	ug/L	50	47.6	95	79-126	
Dibromochloromethane	ug/L	50	52.3	105	75-121	
Dibromomethane	ug/L	50	51.1	102	75-123	
Dichlorodifluoromethane	ug/L	50	45.4	91	27-172	
Ethyl methacrylate	ug/L	200	221	111	72-134	
Ethylbenzene	ug/L	50	52.9	106	80-118	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	71-141	
Iodomethane	ug/L	100	113	113	10-186	
Isopropylbenzene (Cumene)	ug/L	50	52.1	104	82-120	
Methyl-tert-butyl ether	ug/L	50	52.0	104	72-128	
Methylene Chloride	ug/L	50	41.3	83	70-121	
n-Butylbenzene	ug/L	50	54.9	110	76-123	
n-Hexane	ug/L	50	54.1	108	58-149	N2

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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

LABORATORY CONTROL SAMPLE: 2507153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	52.6	105	80-122	
p-Isopropyltoluene	ug/L	50	52.6	105	79-121	
sec-Butylbenzene	ug/L	50	52.5	105	78-124	
Styrene	ug/L	50	53.2	106	80-119	
tert-Butylbenzene	ug/L	50	46.1	92	62-102	
Tetrachloroethene	ug/L	50	49.8	100	76-124	
Toluene	ug/L	50	51.1	102	78-116	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	73-121	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	73-126	
trans-1,4-Dichloro-2-butene	ug/L	200	212	106	42-138	
Trichloroethene	ug/L	50	45.0	90	76-120	
Trichlorofluoromethane	ug/L	50	52.3	105	60-138	
Vinyl acetate	ug/L	200	146	73	29-200	
Vinyl chloride	ug/L	50	44.5	89	70-136	
Xylene (Total)	ug/L	150	156	104	79-119	
4-Bromofluorobenzene (S)	%.			100	85-114	
Dibromofluoromethane (S)	%.			99	80-122	
Toluene-d8 (S)	%.			104	85-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2507154 2507155

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	50.8	54.2	102	108	44-142	6	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	47.4	51.9	95	104	48-145	9	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	47.7	50.8	95	102	44-139	6	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	46.7	48.6	93	97	49-140	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	52.7	56.8	105	114	38-142	7	20	
1,1-Dichloroethene	ug/L	ND	50	50	49.4	51.5	99	103	46-148	4	20	
1,1-Dichloropropene	ug/L	ND	50	50	45.8	48.0	92	96	47-142	5	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	46.8	50.7	94	101	34-139	8	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	48.8	53.9	98	108	44-140	10	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	51.6	54.5	103	109	31-142	5	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	49.2	51.2	98	102	39-140	4	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	52.2	54.9	104	110	47-143	5	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	47.6	49.8	95	100	40-135	4	20	
1,2-Dichloroethane	ug/L	ND	50	50	49.8	52.8	100	106	44-138	6	20	
1,2-Dichloropropane	ug/L	ND	50	50	46.9	49.7	94	99	53-142	6	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	49.1	51.3	98	103	36-142	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	48.3	50.5	97	101	37-136	4	20	
1,3-Dichloropropane	ug/L	ND	50	50	54.8	56.9	110	114	47-145	4	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	47.1	48.5	94	97	38-132	3	20	
2,2-Dichloropropane	ug/L	ND	50	50	40.0	42.8	80	86	19-147	7	20	
2-Butanone (MEK)	ug/L	ND	250	250	280	318	112	127	36-153	13	20	
2-Chlorotoluene	ug/L	ND	50	50	50.7	52.5	101	105	37-143	4	20	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2507154 2507155

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	250	250	272	297	109	119	38-149	9	20	
4-Chlorotoluene	ug/L	ND	50	50	49.5	52.4	99	105	38-137	6	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	264	284	106	114	43-145	7	20	
Acetone	ug/L	ND	250	250	246	281	98	113	21-161	13	20	
Acrolein	ug/L	ND	1000	1000	835	926	83	93	17-153	10	20	
Acrylonitrile	ug/L	ND	200	200	181	199	90	100	40-141	10	20	
Benzene	ug/L	ND	50	50	48.9	52.0	98	104	49-140	6	20	
Bromobenzene	ug/L	ND	50	50	52.0	55.2	104	110	39-137	6	20	
Bromochloromethane	ug/L	ND	50	50	51.1	54.9	102	110	50-132	7	20	
Bromodichloromethane	ug/L	ND	50	50	44.7	47.5	89	95	42-139	6	20	
Bromoform	ug/L	ND	50	50	39.4	42.0	79	84	29-135	6	20	
Bromomethane	ug/L	ND	50	50	38.4	44.8	77	90	10-162	15	20	
Carbon disulfide	ug/L	ND	50	50	50.1	53.1	100	106	33-144	6	20	
Carbon tetrachloride	ug/L	ND	50	50	44.7	48.5	89	97	45-148	8	20	
Chlorobenzene	ug/L	ND	50	50	50.4	52.8	101	106	47-135	5	20	
Chloroethane	ug/L	ND	50	50	47.1	50.6	94	101	41-149	7	20	
Chloroform	ug/L	ND	50	50	44.7	48.0	89	96	49-136	7	20	
Chloromethane	ug/L	ND	50	50	39.6	42.5	79	85	17-138	7	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	45.4	48.7	91	97	46-143	7	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	45.2	46.6	90	93	44-142	3	20	
Dibromochloromethane	ug/L	ND	50	50	51.0	54.6	102	109	41-141	7	20	
Dibromomethane	ug/L	ND	50	50	51.6	55.4	103	111	46-140	7	20	
Dichlorodifluoromethane	ug/L	ND	50	50	42.0	44.4	84	89	10-193	6	20	
Ethyl methacrylate	ug/L	ND	200	200	214	228	107	114	45-145	6	20	
Ethylbenzene	ug/L	ND	50	50	52.2	54.0	104	108	44-145	3	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	45.5	48.5	91	97	27-158	6	20	
Iodomethane	ug/L	ND	100	100	119	144	119	144	10-172	19	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	51.3	53.0	103	106	43-148	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	49.3	53.8	99	108	38-158	9	20	
Methylene Chloride	ug/L	ND	50	50	40.4	43.4	81	87	33-140	7	20	
n-Butylbenzene	ug/L	ND	50	50	49.4	51.7	99	103	35-142	5	20	
n-Hexane	ug/L	ND	50	50	49.0	51.6	98	103	32-159	5	20	N2
n-Propylbenzene	ug/L	ND	50	50	50.1	52.2	100	104	37-145	4	20	
p-Isopropyltoluene	ug/L	ND	50	50	49.9	52.2	100	104	37-143	4	20	
sec-Butylbenzene	ug/L	ND	50	50	50.6	52.5	101	105	40-144	4	20	
Styrene	ug/L	ND	50	50	51.8	54.7	104	109	37-143	5	20	
tert-Butylbenzene	ug/L	ND	50	50	40.3	41.4	81	83	35-114	3	20	
Tetrachloroethene	ug/L	ND	50	50	49.3	50.1	99	100	41-145	1	20	
Toluene	ug/L	ND	50	50	50.2	52.1	100	104	48-139	4	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.4	51.5	99	103	46-140	4	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	42.4	44.5	85	89	37-141	5	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	191	204	95	102	10-166	7	20	
Trichloroethene	ug/L	ND	50	50	45.1	47.0	90	94	43-147	4	20	
Trichlorofluoromethane	ug/L	ND	50	50	55.4	59.2	111	118	39-154	7	20	

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Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2507154 2507155

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl acetate	ug/L	ND	200	200	111	122	56	61	10-181	9	20	
Vinyl chloride	ug/L	ND	50	50	44.8	47.5	90	95	49-153	6	20	
Xylene (Total)	ug/L	ND	150	150	152	158	101	105	44-147	4	20	
4-Bromofluorobenzene (S)	%.						100	101	85-114			
Dibromofluoromethane (S)	%.						98	98	80-122			
Toluene-d8 (S)	%.						103	101	85-114			

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

QC Batch: 543516 Analysis Method: EPA 8270 by SIM 40E
QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010

METHOD BLANK: 2507850 Matrix: Water
Associated Lab Samples: 50247014001, 50247014002, 50247014003, 50247014004, 50247014005, 50247014006, 50247014007, 50247014008, 50247014009, 50247014010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	01/20/20 17:00	
2-Methylnaphthalene	ug/L	ND	1.0	01/20/20 17:00	
Acenaphthene	ug/L	ND	1.0	01/20/20 17:00	
Acenaphthylene	ug/L	ND	1.0	01/20/20 17:00	
Anthracene	ug/L	ND	0.10	01/20/20 17:00	
Benzo(a)anthracene	ug/L	ND	0.10	01/20/20 17:00	
Benzo(a)pyrene	ug/L	ND	0.10	01/20/20 17:00	
Benzo(b)fluoranthene	ug/L	ND	0.10	01/20/20 17:00	
Benzo(g,h,i)perylene	ug/L	ND	0.10	01/20/20 17:00	
Benzo(k)fluoranthene	ug/L	ND	0.10	01/20/20 17:00	
Chrysene	ug/L	ND	0.50	01/20/20 17:00	
Dibenz(a,h)anthracene	ug/L	ND	0.10	01/20/20 17:00	
Fluoranthene	ug/L	ND	1.0	01/20/20 17:00	
Fluorene	ug/L	ND	1.0	01/20/20 17:00	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	01/20/20 17:00	
Naphthalene	ug/L	ND	1.0	01/20/20 17:00	
Phenanthrene	ug/L	ND	1.0	01/20/20 17:00	
Pyrene	ug/L	ND	1.0	01/20/20 17:00	
2-Fluorobiphenyl (S)	%.	94	55-118	01/20/20 17:00	
p-Terphenyl-d14 (S)	%.	112	56-128	01/20/20 17:00	

LABORATORY CONTROL SAMPLE: 2507851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	22.8	91	57-113	
2-Methylnaphthalene	ug/L	25	21.1	85	54-111	
Acenaphthene	ug/L	25	22.4	89	62-109	
Acenaphthylene	ug/L	25	26.2	105	70-124	
Anthracene	ug/L	25	28.5	114	69-120	
Benzo(a)anthracene	ug/L	25	28.2	113	53-138	
Benzo(a)pyrene	ug/L	25	28.0	112	57-150	
Benzo(b)fluoranthene	ug/L	25	31.5	126	62-138	
Benzo(g,h,i)perylene	ug/L	25	26.1	104	40-139	
Benzo(k)fluoranthene	ug/L	25	27.8	111	50-151	
Chrysene	ug/L	25	25.5	102	45-144	
Dibenz(a,h)anthracene	ug/L	25	28.0	112	43-149	
Fluoranthene	ug/L	25	29.5	118	57-148	
Fluorene	ug/L	25	27.3	109	54-136	

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QUALITY CONTROL DATA

Project: Can Clay Facility
Pace Project No.: 50247014

LABORATORY CONTROL SAMPLE: 2507851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	25	27.9	112	44-147	
Naphthalene	ug/L	25	20.6	82	58-111	
Phenanthrene	ug/L	25	26.7	107	64-127	
Pyrene	ug/L	25	26.5	106	57-131	
2-Fluorobiphenyl (S)	%.			95	55-118	
p-Terphenyl-d14 (S)	%.			102	56-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2507852 2507853

Parameter	Units	50247014003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	25	25	24.4	23.5	98	94	49-116	4	20	
2-Methylnaphthalene	ug/L	ND	25	25	22.6	21.9	90	88	53-109	3	20	
Acenaphthene	ug/L	ND	25	25	24.5	24.0	98	96	54-111	2	20	
Acenaphthylene	ug/L	ND	25	25	28.7	27.5	115	110	64-123	4	20	
Anthracene	ug/L	ND	25	25	31.5	30.3	126	121	70-115	4	20	M1
Benzo(a)anthracene	ug/L	ND	25	25	31.3	29.8	125	119	65-126	5	20	
Benzo(a)pyrene	ug/L	ND	25	25	31.3	30.0	125	120	66-137	4	20	
Benzo(b)fluoranthene	ug/L	ND	25	25	33.9	33.1	135	132	58-138	2	20	
Benzo(g,h,i)perylene	ug/L	ND	25	25	29.1	28.1	116	113	50-126	3	20	
Benzo(k)fluoranthene	ug/L	ND	25	25	31.9	30.9	128	123	57-142	3	20	
Chrysene	ug/L	ND	25	25	28.4	26.7	114	107	53-134	6	20	
Dibenz(a,h)anthracene	ug/L	ND	25	25	31.1	30.1	124	120	55-135	3	20	
Fluoranthene	ug/L	ND	25	25	33.6	32.5	134	130	68-140	3	20	
Fluorene	ug/L	ND	25	25	30.4	29.1	122	117	59-128	4	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	25	25	31.0	29.9	124	120	52-136	4	20	
Naphthalene	ug/L	ND	25	25	22.1	21.2	89	85	50-116	5	20	
Phenanthrene	ug/L	ND	25	25	30.1	29.4	121	117	59-130	3	20	
Pyrene	ug/L	ND	25	25	29.4	28.2	118	113	57-127	4	20	
2-Fluorobiphenyl (S)	%.						91	92	55-118			
p-Terphenyl-d14 (S)	%.						104	99	56-128			

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(317)228-3100

QUALIFIERS

Project: Can Clay Facility
Pace Project No.: 50247014

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I	Pace Analytical Services - Indianapolis

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Can Clay Facility
Pace Project No.: 50247014

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50247014001	**B-4**	EPA 3010	543215	EPA 6010	543408
50247014002	**B-5**	EPA 3010	543215	EPA 6010	543408
50247014003	**B-6**	EPA 3010	543215	EPA 6010	543408
50247014004	**B-7**	EPA 3010	543215	EPA 6010	543408
50247014005	**B-9**	EPA 3010	543215	EPA 6010	543408
50247014006	**B-14**	EPA 3010	543215	EPA 6010	543408
50247014007	**B-15**	EPA 3010	543215	EPA 6010	543408
50247014008	**B-26**	EPA 3010	543215	EPA 6010	543408
50247014009	**B-32**	EPA 3010	543215	EPA 6010	543408
50247014010	**DUP 7**	EPA 3010	543256	EPA 6010	543651
50247014001	**B-4**	EPA 7470	543236	EPA 7470	543254
50247014002	**B-5**	EPA 7470	543236	EPA 7470	543254
50247014003	**B-6**	EPA 7470	543236	EPA 7470	543254
50247014004	**B-7**	EPA 7470	543236	EPA 7470	543254
50247014005	**B-9**	EPA 7470	543236	EPA 7470	543254
50247014006	**B-14**	EPA 7470	543236	EPA 7470	543254
50247014007	**B-15**	EPA 7470	543236	EPA 7470	543254
50247014008	**B-26**	EPA 7470	543236	EPA 7470	543254
50247014009	**B-32**	EPA 7470	543236	EPA 7470	543254
50247014010	**DUP 7**	EPA 7470	543236	EPA 7470	543254
50247014001	**B-4**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014002	**B-5**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014003	**B-6**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014004	**B-7**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014005	**B-9**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014006	**B-14**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014007	**B-15**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014008	**B-26**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014009	**B-32**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014010	**DUP 7**	EPA 3511	543516	EPA 8270 by SIM 40E	543571
50247014001	**B-4**	EPA 8260	543385		
50247014002	**B-5**	EPA 8260	543385		
50247014003	**B-6**	EPA 8260	543385		
50247014004	**B-7**	EPA 8260	543385		
50247014005	**B-9**	EPA 8260	543385		
50247014006	**B-14**	EPA 8260	543385		
50247014007	**B-15**	EPA 8260	543385		
50247014008	**B-26**	EPA 8260	543385		
50247014009	**B-32**	EPA 8260	543385		
50247014010	**DUP 7**	EPA 8260	543385		
50247014011	**Trip Blank 7**	EPA 8260	543385		

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 50247014

50247014

LAB USE ONLY

Company: ATC Group Services	Billing Information: 7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256
Address: 6149 Wedeking Ave Building D Suite 2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: brian.kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [✓] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08H
Collected By (print): Megan Foye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: 3 Day
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [✓] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [✓] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis: _____

Container Preservative Type **: 3 U 1

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270SIM	RCRA METALS 6010B & 7470	Lab Sample # / Comments
B-4	GW	GRAB	1/14/20	1155				7	X	X	X	001
B-5				1558				↓				002
B-6				1640				5				003
B-7				1515				7				004
B-9				1820								005
B-14				1737								006
B-15				1905								007
B-26				1357								008
B-32	↓	↓	↓	855				↓	↓	↓	↓	009
												SEE SCR

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
3 DAY TAT PLEASE.

LVL IV per Brian dss 011620

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: A
Cooler 1 Temp Upon Receipt: 0.6 oC
Cooler 1 Therm Corr. Factor: 0.2 oC
Cooler 1 Corrected Temp: 0.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
ATC	1/15/20 @ 1800	FedEx	1/15/20 @ 1800
Fedex	1/16/20 900	Marcia Bennett	1/16/20 900

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

dss

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: ATC Group Services	Billing Information: 7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256
Address: 6149 Wedeking Ave Building D Suite 2 Evansville, IN 47715	
Report To: Brian Kleeman	Email To: brian.kleeman@atcgs.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Can Clay Facility	State: IN County/City: Cannelton Time Zone Collected: [ ] PT [ ] MT [✓] CT [ ] ET
Phone: Email:	Site/Facility ID #: 170IRPC08H
Collected By (print): Megan Foye	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required: 3 Day
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [✓] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [✓] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis: _____

Container Preservative Type **: 3 | | U | | 1 | | | | | | |

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 8260	PAHs 8270SIM	RCRA METALS 6010B & 7470	Lab Profile/Line:
DUP 7	GW	GRAB	1/14/20	—				7	X	X	X	SEE SCER 010
MSMSD 7	↓	↓	↓	1640				14	↓	↓	↓	
TripBlank 7	↓	↓	↓	800				3	↓	↓	↓	011

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
3 DAY TAT PLEASE
NSMSD 7 from B-6

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: A
Cooler 1 Temp Upon Receipt: 0.6 oC
Cooler 1 Therm Corr. Factor: 0.3 oC
Cooler 1 Corrected Temp: 0.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
ATC	1/15/20 @ 1800	FedEx	1/15/20 @ 1800
Fedex	1/16/20 900	Marcia Bennett	1/16/20 900

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

SAMPLE CONDITION UPON RECEIPT FORM

Pace Analytical

Project #: 50247014

Date/Time and Initials of person examining contents: MB 1/16/20 1050

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking #: 8139 6379 0708

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals Intact: ☑ Yes ☐ No

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 (A) B C D E F Ice Type: ☑ Wet ☐ Blue ☐ None | Samples collected today and on ice: ☐ Yes ☐ No ☑ N/A

Cooler Temperature: 0.6°C/0.8°C Ice Visible in Sample Containers?: ☐ Yes ☑ No ☐ N/A

(Initial/Corrected) Temp should be above freezing to 6°C If temp is Over 6°C or under 0°C, was the PM Notified? ☐ Yes ☐ No ☑ N/A

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp		✓	All containers needing acid/base pres. Have been checked?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted. Circle: HNO3 H2SO4 NaOH NaOH/ZnAc	✓		
USDA Regulated Soils? (ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Chain of Custody Present:	✓		Dissolved Metals field filtered?:			✓
Chain of Custody Filled Out:	✓					
Short Hold Time Analysis (<72hr)?: Analysis:		✓	Headspace Wisconsin Sulfide			✓
Time 5035A TC placed in Freezer or Short Holds To Lab:				Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608) Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested: 3day	✓		Headspace in VOA Vials (>6mm):		✓	
Containers Intact?:	✓		Trip Blank Present?:	✓		
Sample Labels (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID		✓	Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials (soils only)?		✓				

Comments: no date or time on bottles MB 1/16/20

COC PAGE 1 of 2

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H	VG9H	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1			3				3										1										WT	✓		
2			↓				↓										↓										↓	↓		
3			~~8~~ 8				~~8~~ 8										3										↓	↓		
4			3				3										1										↓	↓		
5			↓				↓										↓										↓	↓		
6			↓				↓										↓										↓	↓		
7			↓				↓										↓										↓	↓		
8			↓				↓										↓										↓	↓		
9			↓				↓										↓										↓	↓		
10																														
11																														
12																														

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 2

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H ~~VG9H~~	VOA VIALS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					Matrix	pH <2	pH >9	pH>12
1			3			3										1										WT	✓		
2			See pg 1 line #3 mB 7/16/20																										
3			3																							WT			
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1L HCl clear glass
VSG	Headspace septa vial & HCl	BG1S	1L H2SO4 clear glass
WGKU	8oz unpreserved clear jar	BG1T	1L Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1L unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
CG3H	250mL clear glass HCl	BG3U	250mL Unpres Clear Glass

Plastic / Misc.

BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Appendix G: Disposal Documentation

Hoosier Equipment Service, Inc.

TANK DISPOSAL DOCUMENT

Hoosier Equipment Service, Inc. certifies that the tank/tanks listed below, which were removed from (Owner's Name/Location of tank) Can Clay Corporation Adams St. Carrollton, IN, have been purged in accordance with API Bulletin 1604 and

1. the tank never contained leaded gasoline or,
2. the tank has been cleaned in accordance with API Bulletin 2015 and 2015 A and any interior surfaces which might have been in contact with the sludge have been cleaned to bare metal in accordance with API 2202.

Assigned Tank No. (# to be painted on tank)	Tank Size	Tank Contents
1. 19031 A	10,000 gal	Gas
2. 19031 B	10,000 gal	Diesel
3.		
4.		
5.		

Signed by: (Acting Agent for Contractor) Bobby Fowler

Title: Ops Mngr Date: 10/31/19

Rodger A Green certifies that the above listed tanks are being purchased for re-melting purposes only, and to the best of our knowledge meet all State and Federal requirements for cleaning.

Signed by: [signature] All Kinds of Scrap
Title: asst Manager AKS Date: 10-31-2019

BLACKFOOT LANDFILL
3726 EAST STATE ROAD 64
WINSLOW, IN 47598
8127892647

000831
HOOSIER EQUIPMENT SERVICE, INC.
8966 UNION MILLS DRIVE
CAMBY, IN 46113

INVOICE
INBOUND

SITE	CELL	OPERATOR	TICKET #
N2		40081	**756677**

TRUCK	CONTAINER	LICENSE
HOOS/PERRY/ABF1S		

REFERENCE	IN	OUT
5120030/GREY	11/19/19 10:39 am	11/19/19 10:50 am

CONTRACT: PERRY COUNTY/ABF19105
BOL:

GROSS 94,440.00LBS Scale In
TARE 25,800.00LBS Scale Out
NET 68,640.00 LBS

QTY	UNIT	DESCRIPTION			ORIGIN	%	RATE	TAX	TOTAL
34.32	TN	C-Soil - EXT	YD	0.00	PE	100.00			

Thank you for using Blackfoot Landfill.

Total
Paid
Change
Check#
Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____

CUSTOMER COPY

BLACKFOOT LANDFILL
3726 EAST STATE ROAD 64
WINSLOW, IN 47598
8127892647

000831
HOOSIER EQUIPMENT SERVICE, INC.
8966 UNION MILLS DRIVE
CAMBY, IN 46113

INVOICE
INBOUND

SITE	CELL	OPERATOR	TICKET #
N2		40081	**756683**

TRUCK	CONTAINER	LICENSE
HOOS/PERRY/ABF19		

REFERENCE	IN	OUT
5120033	11/19/19 11:04 am	11/19/19 11:09 am

CONTRACT: PERRY COUNTY/ABF19105
BOL:

GROSS 73,460.00LBS Manual In
TARE 26,060.00LBS Scale Out
NET 47,400.00 LBS

QTY	UNIT	DESCRIPTION			ORIGIN	%	RATE	TAX	TOTAL
23.70	TN	C-Soil - EXT	YD	0.00	PE	100.00			

Thank you for using Blackfoot Landfill.

Total
Paid
Change
Check#
Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

CUSTOMER COPY

SIGNATURE:_____

BLACKFOOT LANDFILL
3726 EAST STATE ROAD 64
WINSLOW, IN 47598
8127892647

000831
HOOSIER EQUIPMENT SERVICE, INC.
8966 UNION MILLS DRIVE
CAMBY, IN 46113

INVOICE
INBOUND

SITE	CELL	OPERATOR	TICKET #
N2		40081	**756701**

TRUCK	CONTAINER	LICENSE
HOOS/PERRY/ABF19		

REFERENCE	IN	OUT
5120028	11/19/19 12:08 pm	11/19/19 12:20 pm

CONTRACT: PERRY COUNTY/ABF19105
BOL:

GROSS 62,800.00LBS Scale In
TARE 25,300.00LBS Scale Out
NET 37,500.00LBS

QTY	UNIT	DESCRIPTION			ORIGIN	%	RATE	TAX	TOTAL
18.75	TN	C-Soil - EXT	YD	0.00	PE	100.00			

Thank you for using Blackfoot Landfill.

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

GFL GREEN FOR LIFE environmental

24 HR EMERGENCY RESPONSE
(708) 479.6900
(866) 579.6900
(708) 479.6890 - fax

IN46049

IN 46049
6331 E 30th Street, Suite 304
Indianapolis, IN 46219
Special Waste Hauler #3922
US EPA # INR000116699

19701 S 97th Avenue Mokena, IL 60448 — Green Today. Green For Life. | gflenv.com

Generator/Customer	Job Site
Name: Hossier Equipment Service	Name: Hossier Equip
Address: 8966 Union Mills Dr.	Address: 105 Adams St
City, State, Zip: Camby, IN 46113	City, State, Zip: Connelton, IN 47520
Contact:	Contact:

Manifest #

Customer PO #

Type of Recyclable Product/Waste	Quantity	Price Per Gal/Unit	Amount
Non-Hazardous Used Oil Halogen Level <1000 PPM ☐	4200		
Used Anti-Freeze			
Non-Hazardous Waste Water			
Non-Hazardous/Sludge			
Service/Truck Charge			
Demurrage Charges			
On-Spec Used Oil Delivered			
Used Oil Filter Pick-up			
Non-Hazardous Drum Pick-up			
Parts Washer - Delivery/Service			

PAID ☐ CHECK # ☐ Call office with VISA MC AMEX ☐ OFFICE TO PAY

On Site Time	Start	End
Port to Port Time	Start	End

Scope of Work Performed: _____

Driver's Name: (printed) Anthony Ayers Truck/Trailer # 98 Date: 10-30-19

Generator Certification
I (generator) hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable national government regulations as a non hazardous/non PCB waste. I also hereby certify to pay all cost associated with disposal of any non disclosed hazardous/PCB waste found to be in this shipment. I certify that the waste minimization statement identified in 40 DFR 262.27 (a) (if I am a large quantity hazardous waste generator) or (b) (if I am a small quantity generator) is true.

The person signing this receipt certifies that he/she is the Generator/Customer or has authorization as agent for the Generator/Customer. All work has been satisfactorily completed, and agrees to pay all charges including reasonable attorney's fees and costs incurred in collection of charges due.

X _____ 10-30-19 _____

Customer Signature | Date | Phone

CCH Printing
(708) 478-6169 (183039)

514 E Marion Street
Mishawaka, Indiana 46545

Office Phone: **574-968-0372**
Toll Free: 1-877-917-3239
24/7 Emergency: 574-968-0372
Fax: 574-968-0373
Website: inserv24-7.com

CERTIFICATE OF DISPOSAL

GENERATOR INFORMATION

Generator Name: **Hoosier Equipment**
Address: **105 Adams St.**
Cannelton IN 47520

Date of Service: **01/09/2020**

STREAM DESCRIPTION	DRUM / BULK QUANTITY
Petroleum Impacted Absorbents	**2 Drums**

TRANSPORTER
INSERV
1122 Division St.
Mishawaka, IN 46545
EPA ID#: IND984872846

Quantity (Bulk / Drums)	Recycling Facility Name
2 Drums	**Southeast Berrien County Landfill** **3200 Chamberlain** **Buchanan, MI 49107** **EPAD ID# MIG000003832**

Dan Wilson
INSERV, Inc

Date : 01/09/2020

BLACKFOOT LANDFILL
3726 EAST STATE ROAD 64
WINSLOW, IN 47598
8127892647

000831
HOOSIER EQUIPMENT SERVICE, INC.
8966 UNION MILLS DRIVE
CAMBY, IN 46113

INVOICE
INBOUND

SITE	CELL	OPERATOR	TICKET #
N2		40081	**756674**

TRUCK	CONTAINER	LICENSE
HOOSIER		

REFERENCE	IN	OUT
5120011	11/19/19 10:31 am	11/19/19 10:45 am

CONTRACT: C&D-EXT
BOL:

GROSS 61,100.00LBS Scale In
TARE 27,260.00LBS Scale Out
NET 33,840.00 LBS

QTY	UNIT	DESCRIPTION			ORIGIN	%	RATE	TAX	TOTAL
16.92	TN	C & D - EXT	YD	0.00	PE	100.00			

Thank you for using Blackfoot Landfill.

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

BLACKFOOT LANDFILL
3726 EAST STATE ROAD 64
WINSLOW, IN 47598
8127892647

000831
HOOSIER EQUIPMENT SERVICE, INC.
8966 UNION MILLS DRIVE
CAMBY, IN 46113

INVOICE
INBOUND

SITE	CELL	OPERATOR	TICKET #
N2		40081	**756750**

TRUCK	CONTAINER	LICENSE
HOOSIER		

REFERENCE	IN	OUT
BLUE	11/19/19 2:53 pm	11/19/19 3:02 pm

CONTRACT: C&D-EXT
BOL:

GROSS 65,000.00LBS Scale In
TARE 27,080.00LBS Scale Out
NET 37,920.00 LBS

QTY	UNIT	DESCRIPTION			ORIGIN	%	RATE	TAX	TOTAL
18.96	TN	C & D - EXT	YD	0.00	PE	100.00			

Thank you for using Blackfoot Landfill.

I hereby certify that this load does not contain any unauthorized nazardous waste.

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

SIGNATURE:_____

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046491
Date: 11/19/2019
Time: 11:52:19AM
Vehicle: 192 51.20011
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC
Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,260	36.13
Tare	27,200	13.60
Net	45,060	22.53

Tare Date 11/19/2019 11:47:50

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	1	22.53	22.53	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 7

Ticket: 22046495
Date: 11/19/2019
Time: 12:13:39PM
Vehicle: 192 51.20030
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	73,120	36.56
Tare	25,760	12.88
Net	47,360	23.68

Tare Date 11/19/2019 12:10:20

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	2	46.21	23.68	Ton

Weighmaster: Tony Flamion

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone

00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046497
Date: 11/19/2019
Time: 12:19:53PM
Vehicle: 192 51.20033
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON

QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	73,000	36.50
Tare	26,000	13.00
Net	47,000	23.50

Tare Date 11/19/2019 12:17:32

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	3	69.71	23.50	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: **22046507**
Date: 11/19/2019
Time: 1:30:09PM
Vehicle: 192 51.20028
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,320	36.16
Tare	25,240	12.62
Net	47,080	23.54

Tare Date 11/19/2019 13:25:28

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	4	93.25	23.54	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046519
Date: 11/19/2019
Time: 2:22:06PM
Vehicle: 192 51.20030
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,180	36.09
Tare	25,680	12.84
Net	46,500	23.25

Tare Date 11/19/2019 14:14:57

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	5	116.50	23.25	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone

00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046520
Date: 11/19/2019
Time: 2:32:29PM
Vehicle: 192 51.20033
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,780	36.39
Tare	25,920	12.96
Net	46,860	23.43

Tare Date 11/19/2019 14:25:45

Product	Loads	Total Qty	Ticket Qty	UOM
217.2 IN #7	6	139.93	23.43	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046527
Date: 11/19/2019
Time: 3:25:47PM
Vehicle: 192 51.20028
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC

Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,440	36.22
Tare	25,240	12.62
Net	47,200	23.60

Tare Date 11/19/2019 15:19:45

Product	Loads	Total Qty	Ticket Qty	UOM
220.1 IN #53	1	23.60	23.60	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Mulzer Crushed Stone
00605 - Stone - Tower
7172 S. Tower Rd.
Leavenworth, IN 47137
(812) 739-4777

Scale Number 4

Ticket: 22046531
Date: 11/19/2019
Time: 4:11:07PM
Vehicle: 192 51.20011
Zone: IPETRO

Customer: 801687
Cust. Name: HOOSIER EQUIPMENT SERVICE, INC
Address & Instructions:

Order: - PERRY CO-TROY TWP
Disp #:
Job:
P.O.: CANNELTON
QC Data SC#2624/Q982110; AP8 Stone Ledges 604-609

	Pounds	Tons
Gross	72,420	36.21
Tare	27,000	13.50
Net	45,420	22.71

Tare Date 11/19/2019 16:02:51

Product	Loads	Total Qty	Ticket Qty	UOM
220.1 IN #53	2	46.31	22.71	Ton

Weighmaster: Administrator

Thank you for your business!

Gross vehicle weight is the responsibility of the driver. For details concerning the safe use of this product, see other side.

Yager materials

P.O. Box 2000
Owensboro, KY 42302
(270) 926-3611

Ticket 1446330

11/20/2019 8:24:14AM

Location: 12 HCRM

Customer	1599	CASH CUSTOMER
Hauler	7887	PASCAL SMITH
Truck	236	yager
Job		
Material	82	DGA
P.O. No.		**JCID#**
Deliver	1st & Adams - Cannelton	
Weighmaster	Jerry Williams	
Received		**Zone No.** 3

	Qty	Rate	Amount
Product	16.21 Ton		
Freight			
Tax	1		
Total			

	Pounds	Tons
Gross	61840	30.92
Tare	29420 *	14.71 *
Net	32420 *	16.21 *

* Manual Weight

	Today	Order
Loads	1	0
Qty	16.21	0.00

TERMS: Net 30. A service charge of 1½% per month (18% annual percentage) may be added to all balances thirty (30) or more day past due. Title to items sold transfers to customer Vendor's scale.

(PLANT MANAGER) (KY DOT EMPLOYEE) DO HEREBY CERTIFY THAT THE ABOVE QUANTITY OF MATERIAL WAS FOR THE SOLE USE AND BENEFIT OF THE COMMONWEALTH OF KENTUCKY.

PAY QUAN. COMPILED BY:_____

CHECKED BY:_____

APPROVED BY:_____

FOR DOT USE ONLY.

This is to Certify that I have personally received the material described hereon as agent of the Department of Transportation and the quantity appears to be as stated on this ticket.

_____

AUTHORIZED SIGNATURE TIME

HAULED BY:_____

Mulzer Crushed Stone, Inc.
A CRH COMPANY

P O Box 249
Tell City, IN 47586

Customer No: 801687
Invoice No: 155619
Inv Date: 11/25/19
Page: Page 1 of 1

PO#/Job#: Hoosier Equipment Service

Hoosier Equipment Service Inc
8966 Union Mills Drive
Camby IN 46113

jwales@hoosierequipment.com

Mulzer Crushed Stone Inc
P O Box 249
Tell City, IN 47586
(812) 547-7921

Delivered To: Hourly Haul - Cannelton to Blackfoot Landfill

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Matl Total	Tax	Total
Plant: 00605 Stone - Tower									
MATERIAL:	Hourly Haul								
11/19/19	90009631	924	Hourly Haul	8.50	HRS				
11/19/19	90009632	924	Hourly Haul	6.75	HRS				
11/19/19	90009633	924	Hourly Haul	5.75	HRS				
11/19/19	90009634	924	Hourly Haul	5.75	HRS				
Total:	**Material**	Hourly Haul		**26.75**					
			Total Invoice:	**26.75**					

PLEASE NOTE THE NEW REMITTANCE ADDRESS BELOW!

Finance Charges will be applied to any late invoices at a rate of 1.5% per month per credit agreement or the State's Lawful Amount

DATE REC'D 11/25 AMOUNT $_____
JOB # ATC VEHICLE # _____
DUE DATE _____ ACCOUNT DIST. _____
APPROVAL _____

Invoice Amount:

Amount Paid: _____

Customer Name: Hoosier Equipment Service Inc
Customer No: 801687
Invoice #: 155619
Date: 11/25/19

Due Date: 12/20/19

If you have any questions about your invoice please call (812) 547-7921

Remit Payment To: **Mulzer Crushed Stone Inc**
P O Box 744207
Atlanta, GA 30374-4207

Please provide your email address below if you would like to start receiving your invoices via email

_____